DX LISTENING DIGEST

Issue 41

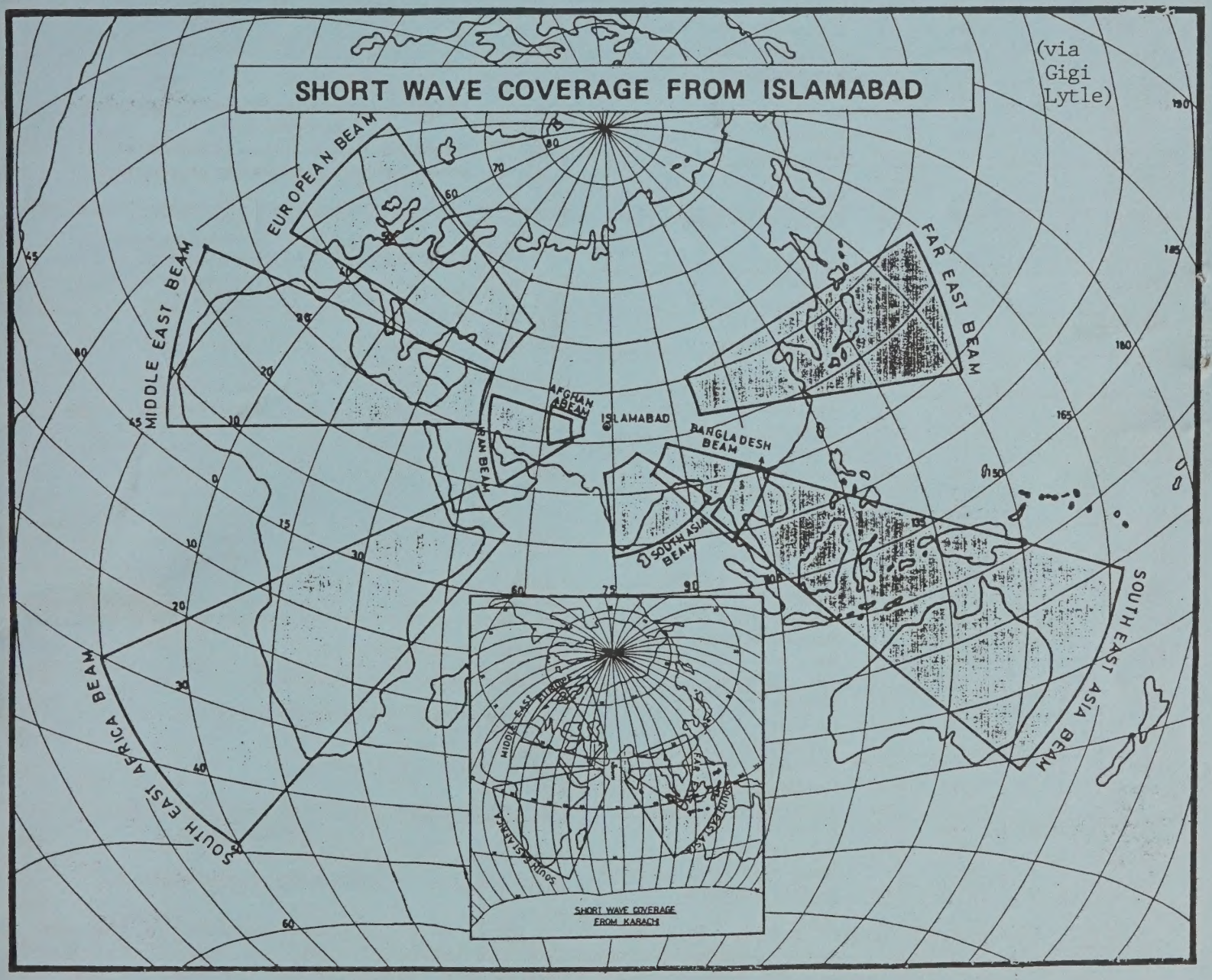
Closing Date:
26 April 1994

EDITED & PUBLISHED BY: GLENN HAUSER, BOX 1684, ENID, OK 73702 U S A

PLEASE READ BACK COVER for proper credit and other info you should know.

PLEASE READ NOTE FROM GH ON PAGE 17

DO NOT USE PREVIOUS ALBUQUERQUE FAX AND PHONE NUMBERS, NOR ADDRESS, WHICH ARE NO LONGER IN EFFECT!!



Kl UTC	Program	Frekvens MHz		Retning
0000	2	9.590	220°	Sør-Amerika
	2	9.655	250°	Sør-Amerika
	2	11.780	280°	Nord-Amerika, øst
0100	1 x	9.560	265°	Mellom- og Sør-Amerika
	1 x	11.925	280°	Nord-Amerika, øst
0200	1	9.560	280°	Nord- og Mellom-Amerika
	1	11.925	280°	Nord-Amerika, øst
0300	2	7.165	110°	Midtøsten
	1	9.590	145°	Øst-Afrika
0400	1	9.560	315°	Nord-Amerika, vest
	2	9.590	135°	Midtøsten, Øst-Afrika
	2	11.730	110°	Midtøsten
	1	11.865	330°	Nord-Amerika, vest
0500	2 x	7.165	195°	Europa
	2 x	9.560	315°	Nord-Amerika, vest
	2 x	9.590	195°	Europa, New Zealand
	2 x	11.865	330°	Nord-Amerika, vest
0600	1	7.155	220°	Vest-Europa
	1	9.590	205°	Sør-Europa
	1	11.735	135°	Midtøsten
	1	17.815	165°	Sentral-Afrika
0700	1	9.590	205°	Vest-Europa
	1	11.735	135°	Midtøsten
0800	1	17.740	220°	Fjerne Østen, Øst-Australia, Vest-Europa
	1	21.700	220°	Fjerne Østen
0900	1	11.735	135°	Midtøsten
	1	15.165	110°	Midtøsten, Øst-Europa
1000	1	15.165	205°	Europa
	1	17.840	195°	Vest- og Sør-Afrika
1100	1	7.295	180°	Europa
	2	15.165	315°	Nord-Atlanteren
1200	2 x	17.860	80°	Sørøst-Asia, Vest-Australia
	1	21.705	220°	Sør-Amerika
1300	2 x	9.590	195°	Europa
	1	15.195	80°	Sørøst-Asia
	1	15.335	280°	Nord-Amerika, øst
	1	17.865	95°	Sør-Asia
1400	2	15.195	80°	Sørøst-Asia, Vest-Australia
	2	15.335	280°	Nord-Amerika, øst
	2	17.840	195°	Vest-Europa, Vest-Afrika
1500	1	9.590	135°	Midtøsten, Øst-Afrika
	1	11.920	110°	Midtøsten, Asia
	1	17.895	135°	Midtøsten, Øst-Afrika, N.-Amerika, vest
	1	21.595	195°	Vest- og Sør-Afrika
1600	2	11.880	135°	Midtøsten
	2	17.880	145°	Øst-Afrika
	2	21.705	135°	Midtøsten, N.Amerika, vest
1700	2	7.215	195°	Vest-Europa
	2	9.590	195°	Vest-Europa, Nord-Afrika
	2	15.220	195°	Vest-Europa, Vest-Afrika
1800	1 x	5.960	205°	Europa
	1 x	9.590	195°	Europa, Vest-Afrika
	1 x	15.220	165°	Sentral- og Sør-Afrika, Sør-Europa
	1 x	11.745	135°	Øst-Europa, Midtøsten

Kl UTC	Program	Frekvens MHz		Retning
1900	2	5.960	195°	Europa
	1	6.015	35°	Nord-Russland
	2	15.220	145°	Sentral- og Øst-Afrika
	2	15.335	300°	Nord-Amerika, øst
2000	1 x	9.590	195°	Øst-Europa, Sentral-Afrika
	1 x	15.220	180°	Sør-Europa, Vest-Afrika
	2	15.335	280°	Nord-Amerika, øst
2100	1	15.175	315°	Nord-Atlanteren
	1	15.220	220°	Sør-Amerika, New Zealand
2200	2	11.705	265°	Sør-Amerika, nord
	2	15.220	235°	Sør-Amerika
2300	2	7.275	80°	Sørøst-Asia, Vest-Australia
	1 x	9.655	220°	Sør-Amerika
	1 x	11.860	280°	Nord-Amerika, øst, Mellom- og Sør-Amerika
	2	11.925	300°	Nord-Amerika øst

x) Søndag: Engelsk

Radio Norway International on Sundays
- NORWAY NOW -
a thirty minute broadcast in English with news, comments and feature programmes.

UTC	Freq. MHz	Target
0500	7.165	Europe
	9.560	North America, west
	9.590	Europe, New Zealand
	11.865	North America, west
1200	17.860	Asia, Australia
1300	9.590	Europe
1800	5.960	Europe
	9.590	Europe, West Africa
	15.220	East and South Africa
	11.745	Eastern Europe, Middle East
2000	9.590	Eastern Europe, Central Africa
	15.220	Southern Europe, West Africa
2300	9.655	South America
	11.860	North America, east, Central and South America
0100	9.560	Central and South America
	11.925	North America, east

OBS alle lyttere
Om dere har problemer, er det lurt å ringe til våre automatiske telefonsvarere. Der justerer vi alle opplysninger om forandringer fra oppsettet vårt.

HER ER VÅRE TELEFONSVARERE:
Europa, Afrika, Amerika: (+47) 22 45 80 08
RESTEN AV VERDEN: (+47) 22 45 80 09

(via Monitoring Times)

Utenlandssendingen - Radio Norway International
NRK - 0340 Oslo - Norway
Tlf.: (+47) 22 45 84 41
Fax: (+47) 22 45 71 34 /22 60 57 19

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UTENLANDSSENDINGEN
NRK 0340 OSLO

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DX DAILY (in case you haven't heard) From Feb. 25 to April 30 gh provided every day of the week a new tape under 5 minutes, sometimes under 4 minutes, of the latest DX tips, and program previews for the next 24 hours, plus propagation reports, at 1-900-656-5455, billed at 95¢ per minute, under 18 parental permission needed; available in all 50 states. Thanks to everyone who called! The service is now on hiatus, but may resume around Oct. 1. Meanwhile, suggestions welcome on what kind of info would lead you to call. In the interim, the number will remain active with the latest World of Radio schedule, updated as necessary. The preamble will tell you what's coming, and there will be no charge if you hang up quickly.

GEORGE JACOBS, P.E., *President*
MEMBER AFCCE

GEORGE JACOBS & ASSOCIATES, INC.

Consulting Broadcast Engineers
8701 GEORGIA AVE., SUITE 410
SILVER SPRING, MD 20910

TEL (301) 587-8800
FAX (301) 587-8801

OPERATIONAL SCHEDULE 2-94

25 February 1994 at 3:59 p.m.

A = Authorized frequency to be used in event of interference or program changes.

FREQ	STN	LOC	UTC	TARGET	DATES		GRAPH	POW	AZ
9355	KHBI	Saipan	1200-1400	India/SEA	0327	0925	A ..... ! ..... XXXX. . . . !	100	285
9355	KHBI	Saipan	1400-1600	SEAs	0327	0925	..... ! ..... ! . XXXX. . !	100	310 285
9355	KHBI	Saipan	1600-1800	EAF/Indo	0503	0830	..... ! ..... ! . . . XXXX!	100	255
9355	KHBI	Saipan	1800-1900	Oceania	0327	0925	..... ! ..... ! ..... XX.	100	165
9355	KHBI	Saipan	1800-2000	Eur/ME	0327	0503	..... ! ..... ! ..... XXXX.	100	325
9425	KHBI	Saipan	1100-1300	Au/NZ	0327	0925	..... ! .... XXXX. ..... !	100	195
9425	KHBI	Saipan	1300-1400	Au/NZ	0327	0925	A ..... ! ..... ! XX. . . . !	100	195
9430	KHBI	Saipan	1000-1100	China	0327	0503	..... ! . . . XX. ! ..... !	100	310
9430	KHBI	Saipan	1100-1200	China	0327	0925	A ..... ! .... XXX ! ..... !	100	310
9430	KHBI	Saipan	1400-1800	China	0327	0925	A ..... ! ..... ! . XXXXXXXX!	100	310
9430	KHBI	Saipan	2000-2200	Chn	0327	0925	A ..... ! ..... ! ..... ! . XXXX. . .	100	340
9430	KHBI	Saipan	2200-2400	China	0327	0503	..... ! ..... ! ..... ! . . . XXXX.	100	310
11580	KHBI	Saipan	1600-1800	cAS	0327	0925	A ..... ! ..... ! . . . XXXX!	100	310
13615	KHBI	Saipan	0600-0800	Oceania	0327	0925	A ..... XXXX. . . . ! ..... !	100	165
13615	KHBI	Saipan	0800-1000	Oceania	0327	0925	..... ! . XXXX. . ! ..... !	100	165 195
13625	KHBI	Saipan	1000-1100	SEAs	0327	0925	..... ! . . . XX. ! ..... !	100	240
13625	KHBI	Saipan	1100-1200	SEAs	0327	0925	A ..... ! .... XX ! ..... !	100	240
13625	KHBI	Saipan	1200-1400	SAs	0327	0925	..... ! . . . . XXXX. . . . !	100	285 255
13625	KHBI	Saipan	1400-1600	SAs	0327	0925	A ..... ! ..... ! . XXXX. . !	100	285
13625	KHBI	Saipan	1600-1800	Africa	0830	0925	..... ! ..... ! . . . XXXX!	100	255
13625	KHBI	Saipan	1600-1800	Africa	0327	0503	..... ! ..... ! . . . XXXX!	100	255
13625	KHBI	Saipan	2200-2300	EAs	0327	0925	..... ! ..... ! ..... ! . . . XX. .	100	340
13625	KHBI	Saipan	2300-2400	SEAs	0327	0925	..... ! ..... ! ..... ! .... XX.	100	240
13770	KHBI	Saipan	1800-2000	ME/Eur	0503	0925	..... ! ..... ! ..... XXXX.	100	325
13840	KHBI	Saipan	2000-2100	Australia	0327	0925	A ..... ! ..... ! ..... ! . XX. . . .	100	180
13840	KHBI	Saipan	2100-2200	Oceania	0327	0925	..... ! ..... ! ..... ! . . XX. . .	100	180
15405	KHBI	Saipan	2200-2400	Chn	0503	0925	..... ! ..... ! ..... ! . . . XXXX	100	310
17555	KHBI	SAIPAN	0000-0400	seAS	0327	0925	A XXXXXXXX. . ! ..... ! ..... !	100	295
17555	KHBI	SAIPAN	0800-0900	eAS/Rus	0327	0925	A ..... ! . XX. . . ! ..... !	100	355
17555	KHBI	Saipan	0900-1000	EAs/Rus	0327	0925	..... ! . . XX. . ! ..... !	100	355
17555	KHBI	SAIPAN	1000-1100	cAS	0503	0925	..... ! . . . XX. ! ..... !	100	310
17555	KHBI	Saipan	1100-1200	EAs	0327	0925	A ..... ! .... XX ! ..... !	100	310
17780	KHBI	SAIPAN	0400-0800	EAs/Jap	0327	0925	A .... XXXXXXXX. . . . ! ..... !	100	355
17865	KHBI	SAIPAN	0000-0400	NEAs	0327	0925	A XXXXXXXX. . ! ..... ! ..... !	100	355
17865	KHBI	Saipan	0400-0600	SEAsia	0327	0925	A .... XXXX! ..... ! ..... !	100	285
9830	KHBN	Palau	0700-1600	EAs	0327	0925	..... ! XXXXXXXXXXXXXXXX. . !	100	318
9830	KHBN	Palau	2000-0100	EAs	0327	0925	XX. . . . ! ..... ! ..... ! . XXXXXXX.	100	318

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 7535  WCSN Scotts Corners, 0800-1000 Eur      0327 0925 A . . . . . ! . XXXX. . ! . . . . ! . . . . . 500 060
 9455  WCSN Scotts Corners, 0200-0400 EAf      0327 0925 A . . XXXX. . ! . . . . ! . . . . ! . . . . . 500 075
 9465  WCSN Scotts Corners, 2200-2400 N.Af.    0327 0925 A . . . . . ! . . . . ! . . . . ! . . . XXXX. 500 090
 9840  WCSN Scotts Corners, 0400-0600 SAf      0327 0925   . . . . XXXX! . . . . ! . . . . ! . . . . . 500 090 075
 9840  WCSN Scotts Corners, 1000-1200 Eur      0327 0925 A . . . . . ! . . . XXXX! . . . . ! . . . . . 500 060
 9850  WCSN Scotts Corners, 2200-0400 WAf      0327 0925   XXXXXXXX. . ! . . . . ! . . . . ! . . . XXXX. 500 090
 9870  WCSN Scotts Corners, 0600-0700 Eur      0503 0830   . . . . . XX. . . . . ! . . . . ! . . . . . 500 060
 9870  WCSN Scotts Corners  0700-1000 Europe   0503 0830 A . . . . . ! XXXXXX. . ! . . . . ! . . . . . 500 060
11745  WCSN Scotts Corners  1200-1600 AFR      0327 0925   . . . . . ! . . . . . XXXXXXXX. . ! . . . . . 500 090
13770  WCSN Scotts Corners, 2000-2200 Eur/Afr  0327 0925   . . . . . ! . . . . . ! . . . . . ! . XXXX. . . 500 090 060
15665  WCSN Scotts Corners, 1200-1400 EUR      0327 0925 A . . . . . ! . . . . . XXXX. . . . ! . . . . . 500 060
15665  WCSN Scotts Corners  1400-1800 EUR      0327 0925   . . . . . ! . . . . . ! . XXXXXXXX! . . . . . 500 060
17510  WCSN Scotts Corners, 1600-1800 EAf      0503 0830 A . . . . . ! . . . . . ! . . . XXXX! . . . . . 500 075
17510  WCSN Scotts Corners, 1800-2000 AFR      0503 0830   . . . . . ! . . . . . ! . . . . . XXXX. . . . . 500 090 105
21640  WCSN Scotts Corners, 1600-1800 EAf      0327 0925 A . . . . . ! . . . . . ! . . . XXXX! . . . . . 500 075
21640  WCSN Scotts Corners, 1800-2000 AFR      0327 0925   . . . . . ! . . . . . ! . . . XXXX! . . . . . 500 090 105
 5825  WEWN Birmingham, AL  0000-0200 Eur      0327 0925 A XXXX. . . . ! . . . . . ! . . . . ! . . . . . 500 035
 5825  WEWN Birmingham, AL  0200-0600 Eur      0904 0925   . . XXXXXXXX! . . . . . ! . . . . ! . . . . . 500 040
 5825  WEWN Birmingham, AL  0200-0600 Eur      0327 0501   . . XXXXXXXX! . . . . . ! . . . . ! . . . . . 500 040
 5825  WEWN Birmingham, AL  0600-0800 Af       0327 0925 A . . . . . XXXX. . . . ! . . . . ! . . . . . 500 085
 5825  WEWN Birmingham, AL  2200-2400 Eur      0327 0925 A . . . . . ! . . . . . ! . . . . ! . . . XXXX. 500 035
 7425  WEWN Birmingham, AL  0000-0800 NAm      0327 0925   XXXXXXXXXXXXXXXX. . . . ! . . . . ! . . . . . 500 235 005
 7425  WEWN Birmingham, AL  0800-1000 SAmerica 0327 0925   . . . . . ! . XXXX. . ! . . . . ! . . . . . 500 160
 7465  WEWN Birmingham, AL  0500-0600 Eur      0904 0925 A . . . . . XX! . . . . . ! . . . . ! . . . . . 500 035
 7465  WEWN Birmingham, AL  0600-0900 Eur      0904 0925   . . . . . XXXXXX. . . ! . . . . ! . . . . . 500 040
 7465  WEWN Birmingham, AL  0600-0900 Eur      0327 0501   . . . . . XXXXXX. . . ! . . . . ! . . . . . 500 040
 7520  WEWN Birmingham, AL  0200-0500 Eur      0904 0925 A . . XXXXXX. ! . . . . ! . . . . ! . . . . . 500 035
 9350  WEWN Birmingham, AL  0200-0800 Eur      0501 0904   . . XXXXXXXXXXXX. . . . ! . . . . ! . . . . . 500 040
 9350  WEWN Birmingham, AL  0800-1000 NAmer/OC 0327 0925   . . . . . ! . XXXX. . ! . . . . ! . . . . . 500 270
 9350  WEWN Birmingham, AL  1000-1600 NAm      0327 0925   . . . . . ! . . . XXXXXXXXXXXX. . ! . . . . . 500 285 005
 9370  WEWN Birmingham, AL  0200-0600 Eur      0327 0905 A . . XXXXXXXX! . . . . ! . . . . ! . . . . . 500 035
 9370  WEWN Birmingham, AL  1000-1200 East Asia 0327 0925   . . . . . ! . . . XXXX! . . . . ! . . . . . 500 335
 9370  WEWN Birmingham, AL  2100-2300 Eur      0327 0925 A . . . . . ! . . . . . ! . . . . ! . . XXXX. . 500 035
 9410  WEWN Birmingham, AL  0000-0200 Eur      0327 0925   XXXX. . . . ! . . . . . ! . . . . ! . . . . . 500 040
 9985  WEWN Birmingham, AL  0000-0800 SAmer    0327 0925   XXXXXXXXXXXXXXXX. . . . ! . . . . ! . . . . . 500 160
 9985  WEWN Birmingham, AL  0800-1000 W AF     0327 0925 A . . . . . ! . XXXX. . ! . . . . ! . . . . . 500 085
 9985  WEWN Birmingham, AL  1000-1300 SAmer.   0327 0925   . . . . . ! . . . XXXXXX. . . . . ! . . . . . 500 160
 9985  WEWN Birmingham, AL  2100-2400 Eur      0327 0925   . . . . . ! . . . . . ! . . . . . ! . . XXXXXX. 500 040
11735  WEWN Birmingham, AL  1700-2000 SAmer.   0327 0925 A . . . . . ! . . . . . ! . . . . XXXXXX. . . . . 500 160
11820  WEWN Birmingham,AL   2200-0000 SAM      0327 0925   . . . . . ! . . . . . ! . . . . . ! . . . XXXX. 500 160
12160  WEWN Birmingham, AL  0000-0200 E Eur    0327 0904 A XXXX. . . . ! . . . . . ! . . . . ! . . . . . 500 035
12160  WEWN Birmingham, AL  0800-1000 Eur      0327 0925 A . . . . . ! . XXXX. . ! . . . . ! . . . . . 500 040
12160  WEWN Birmingham, AL  1000-1400 WAF. EAs 0327 0925 A . . . . . ! . . . XXXXXXXX. . . . ! . . . . . 500 085 335
12160  WEWN Birmingham, AL  2000-2200 Eur      0327 0925 A . . . . . ! . . . . . ! . . . . . ! . XXXX. . . 500 040
13615  WEWN Birmingham, AL. 1600-2400 SA/NA    0327 0925   . . . . . ! . . . . . ! . . . XXXXXXXXXXXXXXXX. 500 285 005
13710  WEWN Birmingham, AL  0100-0200 M.E.     0501 0904   . XX. . . . ! . . . . . ! . . . . . ! . . . . . 500 040
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Radio For Peace International (Program Schedule)
International Broadcast April-June 1994

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	UTC Universal Coordinated Time
FIRE (Programa Radio Internacional Feminista)							1600 — 1 Hora
FIRE (Feminist International Radio Endeavour)							1700 — 1 Hour
Unconventional Wisdom U.S. Foreign Policy Analy.	*"Second Opinion"* Erwin Knoll, Interviews	al reports or CFRU Cassette Culture or Red Cross B.S.	Living Enrichment Center Mary Boggs, Talks	*"Common Ground"* World Affairs Programs	**"World of Radio"** Glenn Hauser, DX	"Global Student Voice" or "WORKING TOGETHER"	1800
RFPI REPORTS UNITED NATIONS	**RFPI REPORTS** "Along The Color Line"	**RFPI REPORTS** UNESCO	**RFPI REPORTS** "The Neumaier Report"	**"The Far Right Radio Review"** Discussions / Analysis	*"The Secret Side of Free Trade: GATT"* Analysis / Interviews	**RFPI REPORTS** UNITED NATIONS	1830
"Steppin' Out of Babylon" Sue Supriano, Interviews	**"World of Radio"** Glenn Hauser, DX	**"Changemakers"** Interviews Gini Graham Scott	***"Alternative Radio"*** D.Barsamian, Polit.Analy.	**New Dimensions Radio** Interviews	CounterSpin Media Analysis	**New Dimensions Radio** Interviews	1900
"Voices of Our World" Maryknoll Media Rel.	RFPI's Mailbag	**New Dimensions Radio** Interviews	***"Alternative Radio"*** D.Barsamian, Polit.Analy.	**New Dimensions Radio** Interviews	RFPI's Mailbag	**New Dimensions Radio** Interviews	1930
"Alternative Radio" D.Barsamian, Polit.Analy.	*"The Secret Side of Free Trade: GATT"* Analysis / Interviews	**New Dimensions Radio** Interviews	**"Food For The Thoughtful"** Interviews	**"World of Radio"** Glenn Hauser, DX	"RADYO NEG MAWON" *News in French Creole*	Living Enrichment Center Mary Boggs, Talks	2000
"Alternative Radio" D.Barsamian, Polit.Analy.	"Focus on Haiti" *News & Information*	**"Voices of Our World"** Maryknoll Media Rel.	**WINGS** Women's International News Gathering Service	RFPI's Mailbag	"RADYO NEG MAWON" *News in French Creole*	"Sound Currents of the Spirit" James Bean	2030
UNITED NATIONS	UNESCO	UNITED NATIONS	"Dialogue" UPAZ News	UNITED NATIONS	"Focus on Haiti" *News & Information*	"Sound Currents of the Spirit" James Bean	2100
RFPI REPORTS UN NEWS	RFPI REPORTS UN NEWS	RFPI REPORTS UN NEWS	RFPI REPORTS UN NEWS	RFPI REPORTS UN NEWS			2115
"Focus on the Americas" Political Analysis or **The Food Not Bombs** Radio Network	**WINGS** Women's International News Gathering Service	"VIETNAM VETERANS RADIO NETWORK"	***"Steppin' Out of Babylon"*** Sue Supriano, Interviews	"Global Student Voice" or "WORKING TOGETHER"	"WISDOM SCHOOL OF THE AIR" OR "Science and Spirit" Dr. Obadiah Harris, Host	**World Goodwill Forum/ Lucis Productions** or "PEACE FORUM"	2130
CounterSpin Media Analysis	"Peace Forum"	"Peace Forum"	UNESCO	**Unconventional Wisdom** U.S. Foreign Policy Analy.	"WISDOM SCHOOL OF THE AIR" OR "Science and Spirit" Dr. Obadiah Harris, Host	**World Goodwill Forum/ Lucis Productions** or "PEACE FORUM"	2200
New Dimensions Radio Interviews	"Peace Forum"	"Peace Forum"	"The Practice of Peacemaking" Ian Harris, UWM or "From the Atom to the Universe"	*"Second Opinion"* Erwin Knoll, Interviews	"VIETNAM VETERANS RADIO NETWORK"	**"The Far Right Radio Review"** Discussions / Anaylsis	2230
New Dimensions Radio Interviews	**"Food For The Thoughtful"** Interviews	***"Common Ground"*** World Affairs Programs	**"Peace Talks"** Bahá'í - Costa Rica	**"Changemakers"** Interviews Gini Graham Scott	*"Focus on the Americas"* Political Analysis OR **The Food Not Bombs** Radio Network	**"World of Radio"** Glenn Hauser, DX	2300
UNESCO	"Dialogue" UPAZ News	UNFPA / FAO	UNITED NATIONS	*"World Citizens Weekly Commentary"*	UNITED NATIONS "The World in Review"	UNITED NATIONS "The World in Review"	2330
RFPI REPORTS UN NEWS	RFPI REPORTS UN NEWS	RFPI REPORTS UN NEWS	RFPI REPORTS UN NEWS	RFPI REPORTS UN NEWS	RFPI REPORTS	RFPI REPORTS	2345
Frequencies: 15.030 AM 24 Hours; 7.375 (AM) 2100-0800; 9.400 (USB) 1700-1400, 1400-1700 (AM); 21.465 (USB) 1200-0400. Programs are repeated 8 hours later.							0000

If you have questions or comments, or for a QSL write to us! (Include $1 or 3 IRC's) RFPI, P.O. Box 88, Santa Ana, Costa Rica Tel. 506/249-1821 FAX 506/249-1095. RFPI plans live daily coverage May 22-27 of the XIII Toward Earth Community Conference, Kilarney Co., Ireland at 1800-1900 UT; also June 2-5 Toward International Governing of the Environment, Venice, Italy (RFPI Mailbags)

Listed below is an article by ***Jorma Mantyla of the University of Tampere in Finland*** (via Internet), on ***Radio Muhabura*** (the rebel station) from Rwanda.Given the current situation in that country, I thought you might find this interesting. 73, Ben Krepp

(via Fine Tuning, April 16)

Once again dx'ers can be eyewitnesses of what is happening in the world. Last weekend was very interesting regarding Rwanda. The government station was unfortunately not audible on 15340 kHz. Here in Scandinavia this frequency is blocked by Moscow and Radio Liberty. Other Radio Rwanda frequencies were also silent (9610, 6055 and 3330 kHz).

The rebel station Radio Muhabura was heard daily with very fine reception on 6285,2 kHz. The station fades in around 1800 UTC on 6285,1 kHz and then they slowly drift to 6285,2 kHz. Usually they close down with a nice tutsi melody at 2007* but on Friday April 8th they had extended their schedule and they were still on the air 2100 UTC.

According to some news Radio Muhabura should have news in English at 1900 UTC but this seems to be irregular. At 1800 they broadcast in French. On Sunday April 10th at 1855-1920 UTC they suddenly had a programme in English called "Weekly Broadcast". They started with news describing how army troops had destroyed a tutsi village in Rwanda. Then the high commander of the "Rwanda Patriotic Front" Paul Kagame read a long press release where the front declared to be ready for negotiations. Later another representative of the front was interviewed. He called the newly formed government of Rwanda as "a clique of extremist politicians". He absolutely denied that the front had assassinated the late president Habyarimana. The crash of the airplane was called an accident. The government Radio Rwanda was blamed many times and was said to broadcast misleading propaganda. The present government was also accused of threatening evacuations from Rwanda. Radio Muhabura claimed that the government had refused Belgian airplanes to use the Kigali airport. That is why airplanes used for evacuation were forced to use the airport of Bujumbura in Burundi.

At the end of the programme there were terrible descriptions about the situation in Rwanda. There is lack of food and water in the town and government army troops are gathering dead bodies from the streets of Kigali.No addresses or any other information about Radio Muhabura or the front operating the station was given at the end of the English programme. The announcer simply said:

"Good night... end of weekly broadcast".The programming and technology of Radio Muhabura sound rather professional.I'd guess that the power of the transmitter is some 5-25 kW. *Jorma Mantyla - U of Tampere Finland*

AUSTRALIA: R. Australia (via World DX Club Contact) [Paul Youngs]

RADIO AUSTRALIA schedule effective Sunday 27th March, 1994, with new frequencies for daylight transmissions to the Pacific area. eg: 17860kHz replaces 21740 2130-0600 UTC; 13605 0000-0730 UTC; also 9860 0630-1200 & 1630-2100.

kHz	P/L	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
D21725	P								E	E	E	E	E												
D21595	P		X	X	X	X	X	X																	
D17880	N	F	E	E	E	E	S	E	K	E	E														
S17860	E	E	E	E	E	E	E	E																E	E
S17795	D	F	E	X	X	X	X	X	X	X	E													E	E
C17750	K	E	E	E	E	E	E	E		E	E	E													
C17715	M		X	X	X	X	S	S	X	X															
D17695	N									E	E	E													
C17670	K						K	E	E																
S17630	A		E	E	E	E	E	E		E															
C15575	L																								S
C15565	M																								S
D15565	P												E	E	E										
D15530	Q	I									I	I	I	I										I	I
D15510	P	E	E																						
S15415	A	I	E	E	E	E	E	E															I	I	I
D15380	N																								T
S15365	B	E	E	E	E	E	E	E																E	E
S15240	F		X	X	X	X	X	X	E	E															
C15240	M	F	E						E	E	E														
C15170	K										E	E	E												
S13755	F	F	E																					E	E
C13755	L														K	E	E								
S13605	C	E	E	E	E	E	E	E	E	E															
C13605	L	E	E																						
D13605	N										E	E	S	E	S	S	C								
D13605	P																							S	S
S11910	A								E	E	E	E													
S11880	B																		E	E	E	E	E		
B11880	G	F	E	X	X	X	X	X	X	E	E													E	E
C11855	L																							E	E
S11800	E													E	E	E	E	E							
B11720	J	F	E	X	X	X	X	X	X	E	E	E	P	P										E	E
S11695	A																E	E	E	E	E	E			
S11695	C																							E	E
C11660	K													S	S	C									
C11660	L															E	E	E	E	E	E	E			
D11660	N																							S	S
S9860	E								E	E	E	E	E	E					E	E	E	E			
S9770	A											I	I	I	I	K	V	V							
C9770	M																E	E	E						
S9710	C									E	E	P	P	P	S	S	S	E	E						
C9645	K																							E	E
S9580	B								E	E	E	E	E	E											
S9580	C																		E	E	E	E			
C9560	L											I	I	I	I										
C9510	M											E	E	S	E										
D9510	P															C	C								
C7260	K																E	E	E	E	E	E			
B7240	G									E	E	P	P	P	E	E	E	E	E	E	E	E			
D7150	Q														K	V	V								
C6170	M														S	S	C	C							
C6150	M																				E	E	O	O	I	I
S6080	F								E	E	P	P	P	P	E	E	C	C	E	E	E	E	E		
C6080	M																		E	E	E	E			
S6060	D															C	C	E	E	E	E	E	E		
S6020	D								E	E	E	P	P	P	E	E									
S5995	B														E	E	E	E	E						

E=General English, or Pacific English; P=Tok Pisin; X=Sport (Sat/Sun only); F=French; I=Indonesian; S=Standard Chinese#; C=Cantonese; V=Vietnamese; T=Thai; K=Khmer#. #: All Khmer and Chinese 0400-0500 is Mon-Fri only; English Sat/Sun.

P/L= Program lines which normally feed the following respective transmitters:
A,B,C,D,E,F for a 100kW Shepparton transmitters for Pacific & Asia;
G,J for 10kW transmitters at Brandon targeting Papua New Guinea and Solomon Isl;
K=300kW; L=100kW; M=250kW at Carnarvon aimed at Asia and Middle East (Europe?);
N,P,Q,S,T = 250kW transmitters at Darwin aimed at Asia

NEW ZEALAND RNZI announced "radical" schedule change effective April 30 at 1900 UT--replacing 9700 due to lower MUFs in prime Pacific/Asian targets, viz.: 1650-1849 on 6100 (Mon.-Fri. as before?), 1850-2136 on 11735, 2137-0458 on 15115, 0459-0758 on new 11900, 0759-1206 on 6100. Presumably 6100 will also be used when needed for sports in the 1206-1649 period, and Weds. to 1230 for Chinese. Precise changeover time from 11900 to 6100 may vary on weekends to avoid interrupting domestic programming (gh)

May

BBC WORLD SERVICE

All times GMT

CURRENT AFFAIRS

WORLD NEWS

BBC World Service news is broadcast on the hour
15 min: Daily 0700, 1500
9 min: Daily 0000, 0300, 0600, 0800, 1600, 2000; Mon-Sat 1200
5 min: Daily 0900, 2200; Sun-Fri 1700; Mon-Fri 1400, 1900; Tue-Sat 0100
1 min: News Summary Sun, Mon 0100;
Daily: 1000; Sat-Sun 1400, 1900; Sat 1700, Sun 1200

NEWSDESK
30 min: World, UK, financial and sports news, with the voices of the people in the news and dispatches from BBC correspondents and reporters. Daily 0200, 0400, 1100, 1800, 2300

NEWSHOUR
60 min: Up-to-the-minute international and British news. 0500 edition includes a look at the UK newspapers at approx 0545. Daily 0500, 1300, 2100

BRITISH NEWS
5 min: Daily 0009, 0309, 0609, 1609
Further coverage is included in *Newsdesk* at approx 20 minutes past the hour and in *Newshour* at 40 minutes past the hour

From Our Own Correspondent
15/20 min: BBC correspondents provide the background to the news. Sat 1830 rpt Sun 0330, 0730; Wed 1515 rpt Thu 0445, 0915
From The Weeklies
15 min: Review of the weekly press.
Sat 0030 rpt 1045, 1945
Network UK
30 min: Issues and events affecting the lives of people in the UK. Thu 0730 rpt 1615, 2215
People And Politics
Background to the British political scene.
Fri 2215 rpt Sat 0230, 0730
The World Today
15 min: Examines thoroughly a topical aspect of the international scene.
Mon-Fri 1645 rpt 2015; Tue-Sat 0615
Worldbrief
15 min: Review of the week's headlines and a general roundup ranging from sport to finance.
Sat 0130, 0445, 0915

NEXT MONTH: Pop The Question
Presenter **Mark Radcliffe** returns with another series of *Pop The Question*, the programme that answers your queries about pop music. Address your letters or cards to: *Pop The Question*, BBC World Service, Bush House, Strand, London WC2B 4PH.

World Business Report
9 min: Latest news from the markets in the Far East, Europe and the USA. Mon-Fri 0905, 1705, 2205; Sat 0905. You can hear more financial news at approx 0525, 1325 and 2125 in *Newshour* and in most editions of *Newsdesk*.
World Business Review
9 min: A look back at the previous week's events in the world of business and finance. Sun 0905 rpt 1705, 2205

All The World's A Football Pitch
5 x 15 min: from Sun 15th 2015 rpt Mon 0445, 0915
Sports Roundup
15 min: Daily 0315, 0945, 1245 (ex Sun), 1745, 2245
Sportsworld
150 min: Sat 1401-1500, 1515-1600, 1615-1700

Focus On Faith
30 min: Thu 1830 rpt Fri 0330, 1001
In Praise Of God
30 min: Sun 1030 rpt 1715, Mon 0030
Sounds Of Gospel
6 x 15 min: until Sun 8th 2015 rpt Mon 0445, 0915
Words Of Faith
5 min: Daily 0809, 2009; 2205 (Sat only); Mon-Sat 1209

Gilles de Rais, alias Bluebeard. *Omnibus* portrays the man behind the myth

MAGAZINE PROGRAMMES

REGULARS:
Assignment
30 min: Wed 2030 rpt Thu 0330, 0630, 1001
Development '94
15 min: Sat 0930 rpt 1701, 2015
Letter From America
15 min: Sat 1015 rpt Sun 0615, 1645, 2230
Megamix
30 min: Tue 1130 rpt 1615, 2215, Wed 0830
Network UK
30 min: Thu 0730 rpt 1615, 2215
Omnibus
30 min: Tue 2330 rpt Wed 1001, 1930, Thu 0230
On The Move
15 min: Thu 1930 rpt Fri 0130, 0930
Outlook
25 min: Mon-Fri 1405, 1905; Tue-Sat 0105
The Farming World
15 min: Thu 0145 rpt 0930, 1945
The Learning World
15 min: Thu 1445 rpt Sat 0045, Mon 0615, 0930
Write On
10 min: Sat 1850 rpt Sun 0350, 0750

SPECIAL FEATURES:
Between Russia And The Reich
1 x 30 min: Sun 29th 1401 rpt 2330, Mon 0630, 1001
Cannabis – Weed Or Wonderdrug?
1 x 30 min: Sun 22nd 0230 rpt 1615, Mon 0730, Wed 2215
Children Under The Skin
2 x 45 min: from Sat 21st 1901 rpt Mon 0101, 1515
Discursive Excursions
3 x 30 min: from Sun 1st 0230 rpt 1615, Mon 0730, Wed 2215
Extraordinary And Plenipotentiary
3 x 30 min: from Sun 8th 1401 rpt 2330, Mon 0630, 1001
Frogs & Rosbifs
1 x 30 min: Sun 1st 1401 rpt 2330, Mon 0630, 1001
Marriage And The Throne
3 x 15 min: from Sat 28th 0015 rpt Mon 1930, Tue 0915
Nansen – Explorer And Statesman
1 x 30 min: Sun 29th 0230 rpt 1615, Mon 0730
Sounds Of Gospel
6 x 15 min: until Sun 8th 2015 rpt Mon 0445, 0915
The First People
2 x 30 min: from Fri 6th 0730 rpt 1215, 1930
Writing Time
8 x 15 min: until Sat 21st 0015 rpt Mon 1930, Tue 0915

DRAMA & READINGS

OFF THE SHELF
15 min: Mon-Fri 0430 rpt 0715, 1430. **The House Of The Spirits** until Mon 13th in 20 parts; **The Marsh Arabs** from Mon 16th in 2 parts; **The Travels Of Ibn Battuta** from Wed 18th in 3 parts; **North And South** from Mon 23rd in 15 parts

PLAY OF THE WEEK
A Midsummer Night's Dream
2 x 60 min: from Sun 1st 0101 rpt 1201, 1901
Blithe Spirit
1 x 60 min: Sun 15th 0101 rpt 1201, 1901
Marvellous Party
1 x 60 min: Sun 22nd 0101 rpt 1201, 1901
Racing Demon
1 x 90 min: Sun 29th 0030 rpt 1130, 1830

SHORT STORY
15 min: from Sun 8th 0430 rpt 0915, 2215

ARTS & LITERATURE

Book Choice
5 min: Sat 0725 rpt 1040, 2210, Thu 0140
Good Books
15 min: Sun 0015 rpt Wed 1445, Thu 0815
Meridian
30 min: Sat 0630 rpt 1130, 2030; Tue 2030 rpt Wed 0630, 1130; Thu 2030 rpt Fri 0630, 1130
On Screen
15 min: Tue 0445 rpt 0930, Wed 1730

LIGHT ENTERTAINMENT & QUIZZES

Brain Of Britain
17 x 30 min: from Sun 29th 2030 rpt Mon 1215, 1715, Tue 0230
Jazz Score
8 x 30 min: until Sun 15th 2030 rpt Mon 1215, 1715, Tue 0230
Masterbrain
1 x 30 min: Sun 22nd 2030 rpt Mon 1215, 1715, Tue 0230
Stories In Verse
4 x 30 min: until Wed 4th 1530 rpt Thu 1030, 2330
The Reduced Shakespeare Radio Show
6 x 30 min: from Wed 11th 1530 rpt Thu 1030, 2330

MUSIC: CLASSICAL

Composer Of The Month
30 min: Mon 0230 rpt 1130, Tue 1715
Concert Hall
45 min: Sun 1515 rpt Tue 0815, Wed 0015
Crossing The Border
6 x 15 min: from Sun 15th 0715 rpt Mon 0145, Tue 1445
Mastersingers
6 x 15 min: until Sun 8th 0715 rpt Mon 0145, Tue 1445
Music Review
45 min: Fri 0015 rpt 0815, 1515
Ray On Record
45 min: Sun 0815 rpt Thu 0015, 1515
Sounds And Sweet Airs
6 x 30 min: until Sat 14th 2330 rpt Tue 1030, Fri 1715
The Musician's Musician
5 x 30 min: from Sat 21st 2330 rpt Tue 1030, Fri 1715

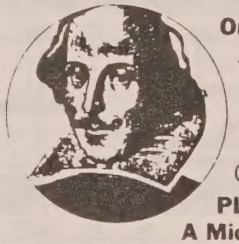
MUSIC: OPERA

A Jolly Good Show
45 min: Sat 0815 rpt Tue 0015, 1515
Andy Kershaw's World Of Music
30 min: Tue 1930 rpt Wed 0230, 0730
Anything Goes
30 min: Sun 1430 rpt Mon 0330, 0830
Country Style
15 min: Wed 0145 rpt 0445, 0915
Duke Ellington – Jazz Genius
4 x 30 min: from Mon 16th 2215 rpt Tue 0630, Wed 1615, Fri 1030
Folk Routes
15 min: Fri 0445 rpt Sun 0930, Tue 0130
Jazz For The Asking
30 min: Sat 2215 rpt Sun 0630, Wed 1030
Jazz Now And Then
15 min: Sat 0145 rpt 0430, 1001
John Peel
30 min: Sat 1715 rpt Tue 0330, Thu 0830
Multitrack
30 min: **1** Mon 1830 rpt 2330, Tue 1215
2 Wed 1830 rpt 2330, Thu 1215
3 Fri 1830 rpt 2330, Sat 1215
Rock 'N' Rice
6 x 15 min: until Sun 8th 0445 rpt Mon 0015, 1445, Wed 0815
Showtime For Shakespeare
4 x 30 min: until Mon 9th 2215 rpt Tue 0630, Wed 1615, Fri 1030
The John Dunn Show
30 min: Sun 0030 rpt 1130, 1830 (ex 29th)
The Vintage Chart Show
30 min: Sat 0330 rpt Mon 1030, 2030

SCIENCE & TECHNOLOGY

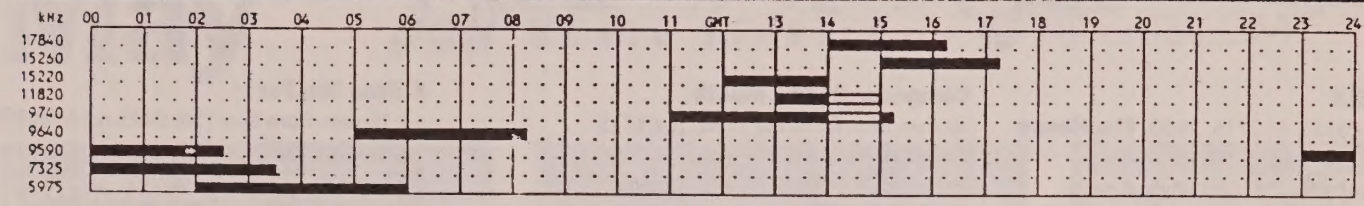
A Step Too Far
6 x 15 min: from Sun 15th 0445 rpt Mon 0015, 1445, Wed 0815
Discovery
30 min: Tue 1001 rpt 1830, Wed 0330
Global Concerns
15 min: Fri 0145 rpt 0915, 1445
Health Matters
15 min: Mon 0815 rpt 1945, Tue 0145
Mind And Body
1 x 45 min: Sat 14th 1901 rpt Mon 0101, 1515
New Ideas
20 min: Mon 1615 rpt Tue 0730, Wed 1215
Science In Action
30 min: Fri 1615 rpt 2030, Sun 1001
Seeing Stars
15 min: Sun 1st 0430 rpt 0915, 2215
Waveguide
10 min: Sat 0715 rpt 1030, Thu 0130

SHAKESPEARE TODAY



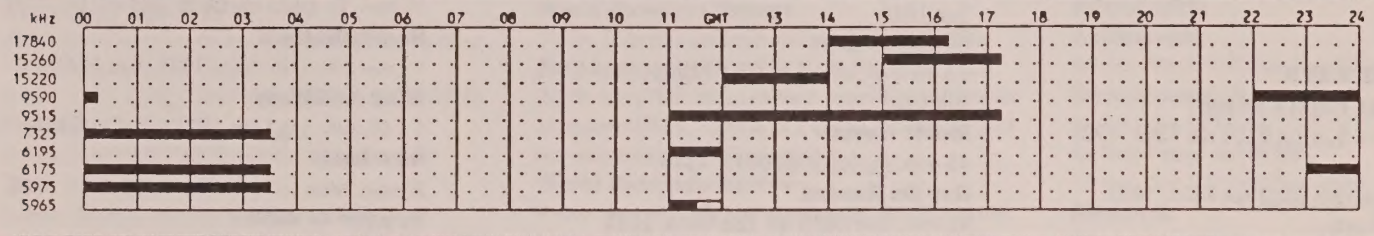
Omnibus
30 min: Tue 2330 rpt Wed 1001, 1930, Thu 0230
Playing A Part
10 x 15 min: Wed 0130 rpt 0930, 1715
PLAY OF THE WEEK
A Midsummer Night's Dream
2 x 60 min: from Sun 1st 0101 rpt 1201, 1901
Shakespeare And The Idea Of England
1 x 30 min: Mon 2nd 0101 rpt 1515
Shakespeare On Screen
1 x 45 min: Sat 7th 1901 rpt Mon 0101, 1515
Shakespeare On Trial
3 x 30 min: from Fri 20th 0730 rpt 1215, 1930
Shakespeare's Globe
6 x 30 min: until Thu 12th 1130 rpt 1715, Fri 0230
Shakespeare's Sonnets
6 x 10 min: Mon 1635 rpt Tue 0750, Wed 1235
Showtime For Shakespeare
4 x 30 min: until Mon 9th 2215 rpt Tue 0630, Wed 1615, Fri 1030
Sounds And Sweet Airs
6 x 30 min: until Sat 14th 2330 rpt Tue 1030, Fri 1715
The Reduced Shakespeare Radio Show
6 x 30 min: from Wed 11th 1530 rpt Thu 1030, 2330

CANADA (CENTRAL, MOUNTAIN, PACIFIC) & USA (CENTRAL, MOUNTAIN, PACIFIC)



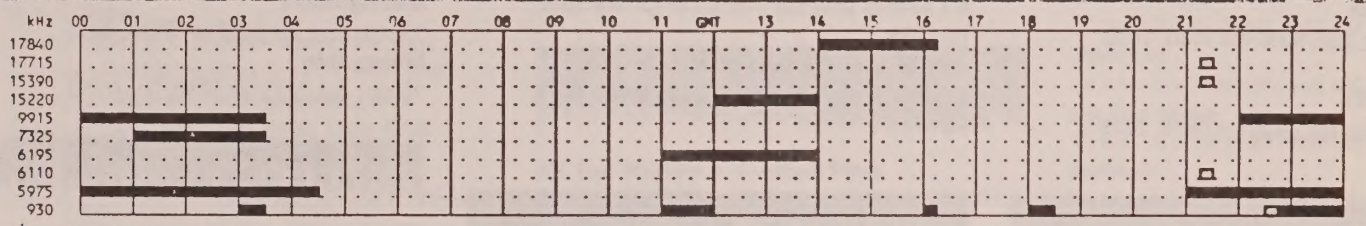
MHz	metres
17.840	16.82
15.260	19.66
15.220	19.71
11.820	25.38
9.740	30.80
9.640	31.12
9.590	31.28
7.325	40.96
5.975	50.21

CANADA (ATLANTIC, EASTERN) & USA (EASTERN)



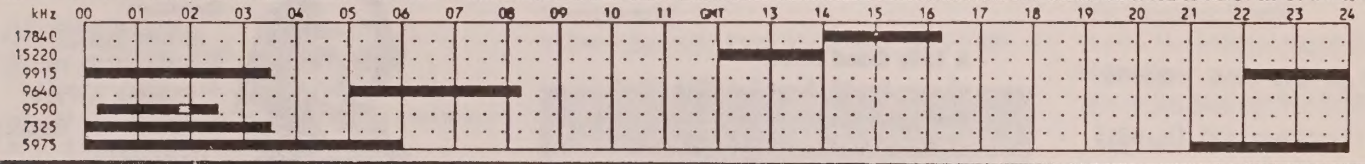
MHz	metres
17.840	16.82
15.260	19.66
15.220	19.71
9.590	31.28
9.515	31.53
7.325	40.96
6.195	48.43
6.175	48.58
5.975	50.21
5.965	50.29

CARIBBEAN



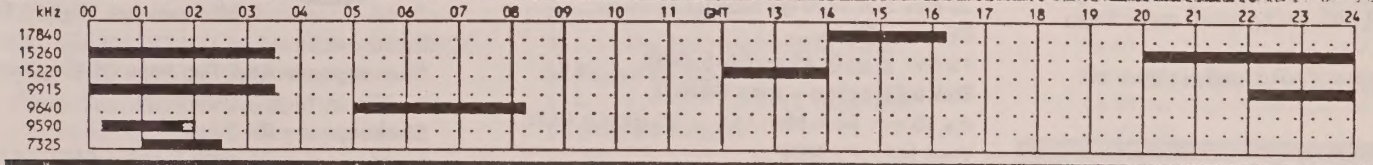
MHz	metres
17.840	16.82
17.715	16.93
15.390	19.49
15.220	19.71
9.915	30.26
7.325	40.96
6.195	48.43
6.110	49.10
5.975	50.21
323 MW	

CENTRAL AMERICA & MEXICO



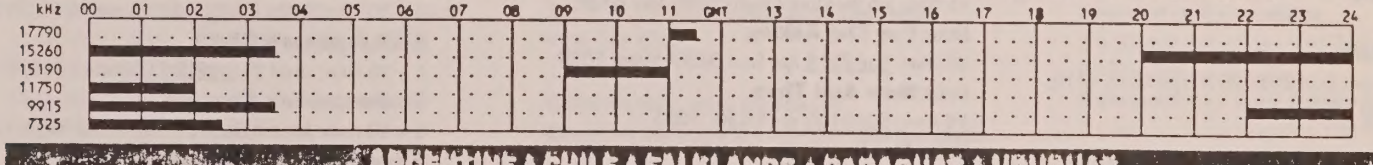
MHz	metres
17.840	16.82
15.220	19.71
9.915	30.26
9.640	31.12
9.590	31.28
7.325	40.96
5.975	50.21

BOLIVIA & COLOMBIA & ECUADOR & PERU



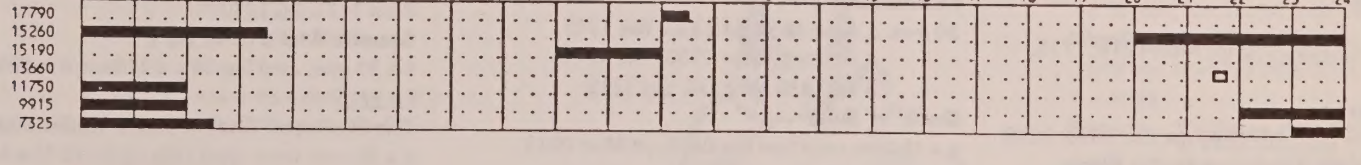
MHz	metres
17.840	16.82
15.260	19.66
15.220	19.71
9.915	30.26
9.640	31.12
9.590	31.28
7.325	40.96

BRAZIL



MHz	metres
17.790	16.86
15.260	19.66
15.190	19.75
11.750	25.53
9.915	30.26
7.325	40.96

ARGENTINE & CHILE & FALKLANDS & PARAGUAY & URUGUAY



MHz	metres
17.790	16.86
15.260	19.66
15.190	19.75
13.660	21.96
11.750	25.53
9.915	30.26
7.325	40.96

TARGET AREAS (CIRAF ZONES)	BAND (m)	FREQUENCY (kHz)	TRANSMISSION HOURS(UTC)	LANGUAGES	XMTR POWER (kW)	AZIMUTH (Deg)	TYPE OF ANTENNA
EUROPE (27,28)	19	15385	04:00-09:00	TURKISH	500	294	HR 2/3/0.5
	31	9460	04:00-09:00	TURKISH	500	313	HR 4/4/0.5
	19	15350	09:00-16:00	TURKISH	500	310	HR 4/3/0.5
	31	9460	09:00-23:00	TURKISH	500	294	HR 2/3/1.0
	31	9685	16:00-22:00	TURKISH	500	310	HR 4/2/0.3
	31	9900	16:30-17:30	GERMAN	250	320	HR 2/2/0.35
	31	9900	19:30-20:00	GERMAN	250	320	HR 2/2/0.35
	31	9900	20:00-21:00	ENGLISH	250	320	HR 2/2/0.35
	31	9900	21:00-22:00	FRENCH	250	320	HR 2/2/0.35
	25	11710	22:00-23:00	ENGLISH	250	310	HR 4/2/0.3
	25	11710	23:00-03:00	TURKISH	250	310	HR 4/2/0.3
	19	15145	04:00-09:00	TURKISH	250	267	HR 2/2/0.5
BALKANS (28SE)	49	6140	03:00-05:00	TURKISH	250	300	HR 4/2/0.3
	41	7290	09:30-10:00	HUNGARIAN	250	313	HR 1/2/0.35
	41	7290	10:00-10:30	RUMANIAN	250	313	HR 1/2/0.35
	41	7290	10:30-11:00	SERBO-CROAT	250	313	HR 1/2/0.35
	41	7290	11:00-11:30	ALBANIAN	250	313	HR 1/2/0.35
	41	7180	14:30-15:00	GREEK	250	313	HR 1/2/0.35
	41	7110	17:30-18:30	GREEK	250	313	HR 1/2/0.35
	49	5980	16:00-17:00	BULGARIAN	250	313	HR 1/2/0.35
	49	5980	17:00-21:00	TURKISH	250	313	HR 1/2/0.35
	49	5980	21:00-22:00	BULGARIAN	250	313	HR 1/2/0.35
MIDDLE EAST (39)	25	11955	08:00-10:00	ARABIC	250	152	HR 1/1/0.55
	25	11955	10:00-15:00	TURKISH	250	152	HR 1/1/0.55
	25	11955	15:00-16:30	ARABIC	250	152	HR 1/1/0.55
	41	7185	22:00-23:00	ENGLISH	250	152	HR 1/1/0.55
NORTH AFRICA (37,38N)	25	11750	09:00-10:00	ARABIC	250	205	HR 1/2/0.35
	19	15430	10:00-15:00*	TURKISH	250	205	HR 1/2/0.35
	19	15430	15:00-16:00	ARABIC	250	205	HR 1/2/0.35
	25	11945	16:00-22:00	TURKISH	250	205	HR 1/2/0.35
			(*): Fridays only				
SOUTH WEST ASIA (30S,40N)	19	15145	04:00-09:00	TURKISH	250	87	HR 2/2/0.5
	31	9590	07:00-09:00	AZERBAIJANI	250	87	HR 2/2/0.5
	31	9675	12:00-12:30	URDU	250	87	HR 2/2/0.5
	31	9675	12:30-13:00	ENGLISH	250	87	HR 2/2/0.5
	31	9675	13:00-14:00	PERSIAN	250	87	HR 2/2/0.5
	31	9675	18:30-19:30	PERSIAN	250	87	HR 2/2/0.5
NORTH WEST ASIA (29,30)	25	11925	04:00-09:00	TURKISH	250	25	HR 1/2/0.35
	25	11795	14:00-14:30	RUSSIAN	250	25	HR 1/2/0.35
	25	11795	15:00-16:00	AZERBAIJANI	250	25	HR 1/2/0.35
NORTH EAST AMERICA (8N,9S)	31	9445	22:00-23:00	ENGLISH	500	313	HR 4/4/0.5
	31	9445	23:00-03:00	TURKISH	500	313	HR 4/4/0.5
	31	9445	03:00-04:00	ENGLISH	500	313	HR 4/4/0.5
	31	9460	04:00-09:00	TURKISH	500	313	HR 4/4/0.5
FAR EAST (43,44)	31	9600	11:30-12:00	CHINESE	250	65	HR 4/4/0.5
AUSTRALIA (55,59)	31	9560	23:00-03:00	TURKISH	500	104	HR 4/3/0.6

The following is the Final 27 Mar 94 to 25 Sep 94 High Frequency Schedule for Family Stations, Inc., WYFR.

Frequency (kHz)	Time (UTC)	Azimuth	Zone	Pwr
3950	0245-0900	285	10	100
3950	0945-1400	355	4,5,9	100
3950	2145-0600	355	4,5,9	100
3985	2145-0445	181	11	50
3985	0445-0700	315	2	100
3015	1145-1445	315	2	100
3065	0045-0445	355	4,5,9	100
3085	2245-0045	355	4,5,9	100
3085	0945-1400	181	11	100
3130	0300-0400*	44	27,28,39	100
3175	0845-1200	160	15	100
7355	0300-0745**	44	27,28,39	100
7355	0400-0745***	44	27,28,39	100
9505	0100-0445	315	2	100
9550	0745-1100	160	14	100
9605	0745-1000	142	15	100
9605	1045-1145	222	11	100
9625	0845-1045	140	13	100
9680	0145-0600	315	2	100
9705	0445-0600	285	10	50
9715	2345-0445	285	10	50
9770	0345-0545	44	27,28,39	100
9850	0600-0745	44	27,28,39	100
9870	0300-0600	44	27,28,39	100
11580	0345-0700	44	27,28,39	100
11705	1445-1700	315	2	100
11725	0545-0745	44	27,28,39	100
11725	1045-1400	222	12	100
11740	2145-0100	222	11	100
11740	0145-0500	222	11	100
11770	0545-0745	44	27,28,39	100
11770	0745-1000	142	13	100
11830	1045-1700	315	2	100
11855	0100-0545	222	11	100
11855	0745-1100	160	16	100
11855	2145-0100	315	2	100
11970	0945-1300	151	15	100
13695	0445-0800	87	37,46	100
13695	1045-1400	355	4,5,9	100
15130	1045-1145	140	13	100
15130	1145-1500	285	10	50
15130	2145-0200	142	13	100
15145	1145-1400	222	11	100
15170	2300-0300	151	15	100
15170	0345-0700	87	47,52,57	100
15215	2300-0300	160	16	100
15355	1545-2045	44	27,28,39	100
15440	2145-0245	285	10	100
15566	2045-2245	44	27,28,39	100
17612.5	1945-2245	87	37,46	100
17725	2245-0145	140	13	100
17750	1145-1700	285	10	100
17750	1645-2300	44	27,28,39	100
17750	2300-0200	160	15	100
17805	2245-0100	142	15	100
17845	2300-0300	160	14	100
21500	1545-2245	44	27,28,39	100
21525	1545-2245	87	47,52,57	100
21615	1545-2145	44	27,28,39	100
21720	1645-2300	44	27,28,39	100

* 27 Mar to 03 Apr 94
*\ 03 Apr to 25 Sep 94
*** 27 Mar to 03 Apr 94

Date: Fri, 10 Dec 1993 11:21:22 -0600
Sender: Short Wave Listener's List <SWL$LZCUVMB.BITNET@uga.cc.uga.EDU>
From: Don Moore <MOORE@TMU1.MCREST.EDU>
Organization: Teikyo Marycrest University
Subject: Radio Tezulutlan (via Will Martin)

Gee, maybe this net needs a spelling teacher, hi! Correct spelling of this station (misspelled in two other posts) is Tezulutlan.

Their 4835 frequency is probably the best heard Guatemalan frequency in North America, and 3370 (which isn't always on the air) is often pretty good, too. While the station uses some Spanish, most of the programming is in the K'ekchi language, one of a number of Mayan langs used in Guatemala. The K'ekchi are the fourth largest indigenous group in Guatemala. They live more or less in the area north and east of Coban (where the station is located). Although K'ekchi (and all the Mayan langs) are phonetically very different from Spanish, it is possible to confuse it for Spanish because a large number of Spanish words have been borrowed.

The word "tezulutlan" means "land of war" in the K'ekchi tongue. When the Spanish came into Guatemala in the 1520s, they quickly subdued the Mayan tribes farther south, but could not defeat the warlike K'ekchis, who maintained their independence for a time. The region was given the name Tezulutlan by the Spanish. Later Fray (Friar) Bartolome de las Casas persuaded the colonial government to let him try to convert the K'ekchi to Catholocism. The colonial govt forbade any other Spaniards except Fray Bartolome and his associates from having any contact with the K'ekchi while this was going on. The good friar was able to convince the Indians of his peaceful intentions and in time converted a major chief who ordered all the people in his area to convert. With assistance from this influential chief, the friars gradually converted the remainder of the K'ekchis and their region was renamed "Verapaz", a mixture of the Spanish words "verdad" and "paz", or "true-peace". Of course, now that the Indians were converted and peaceful, the colonial govt knew just what to do - they sent in an army to enslave the Indians. Not an uncommon story in Latin American history (or U.S. history, for that matter).

There is one other station that uses K'ekchi, Radio K'ekchi on 4845 kHz located in the small town of Fray Bartolome de las Casas, near Coban. While the town is named after the man who converted the K'ekchi to Catholicism, the station is run by K'ekchi Evangelist Protestants who are trying to convert their fellow tribesmen away from Catholicism. A bit ironic. Radio Tezulutlan, by the way, is run by the Roman Catholic church, so the two stations are involved in a friendly battle for souls.

The most common kind of music on Guatemalan stations is marimba music. The marimba is similar to a xylophone, except the keys are made of wood rather than metal. The instrument made its way to Guatemala from Africa in colonial days and the Indians adopted it and changed it to their liking. The music is quite beautiful and very upbeat. They are also very large. At minimum, a marimba is played by three people. Longer ones require as many as eight or nine players. (Perhaps more, but that's the most I've seen.) Although the marimba is most associated with Guatemala, it is common throughout Central America and adjoining areas of southern Mexico. There is also a small pocket of marimba use in the Esmeraldas area in northwestern Ecuador, although how the marimba made its way there, I don't know. Marimbas are very versatile. I remember one party in Honduras with a 8-man marimba where they played everything from traditional tunes to waltzes and even "The Twist". Quite an experience dancing to "The Twist" played on a marimba! So was the waltzing, for that matter.

I have noticed other types of more traditional indigenous music on Radio Tezulutlan frequently - at least much more often than other Guatemalan stations. Other types of music feature local types of flutes, harps, and drums. Some of it is quite pretty, but rather monotanous. I have some tapes of it given to me by the station on my visit to Coban in 1983. The station was rather modern and well-run compared to most Guatemalan and Central American stations.

Don Moore
(Peace Corps Honduras 82-84)
MOORE@TMU1.MCREST.EDU
Teikyo Marycrest University
Davenport, Iowa, USA

LISTENED ON 2710 kHz, HARMONIC 1355 kHz x 2 multiple. In 34 days via Colombian Ham !

LA VOZ DEL SAMAN DE BOCHALEMA
1355 KHZ

INGENIERO
SANTIAGO SANGIL GONZALEZ
BARINAS - ESTADO BARINAS
REPUBLICA DE VENEZUELA

Estimado colega y amigo del CLUB DIEXISTA DE LA AMISTAD INTERNACIONAL, con gran gusto, respondo a su reporte de sintonia desde la hermana República de VENEZUELA. Realmente quienes integramos esta emisora de nuestro municipio y sus gentes, reconocemos que lo que usted ha captado en su dial, es la realidad trasmitida por nuestra Emisora Local-Cultural de Bochalema-Norte de Santander-Colombia.

Amigo Ingeniero, con lo que respeta a nuestra Emisora. Trabajamos con 1355 khz - 80 wolttios de potencia y antena Dipolo, desde la fundación BLANCO RAMIRES, AV. 2 # 4-11 Bochalema N. de S. Colombia.

En el siguiente horario: Lunes a Sábado de 5 a.m. a 8 a.m. y de 4 p.m. a 7 p.m. Los domingos de 5 a.m. a 10 a.m.

Trasmitimos programas como:

Despertar de mi pueblo y el Saman Güascarrilero en las ma ñanas, ademas, Noticias Locales, Servicios Sociales, Deportes, Programas de Interes a la Comunidad, Folclor como: Coplas, Poesias, Musica y Cumpleaños, Entrevistas y Toda Clase de Musica.

Agradeciendole su atención para con nuestras · ondas Hercianas. Sin otro particular,

SU AMIGO Y COLEGA

La Voz Del Samán

Oscar Alberto Argüello C

OSCAR ARGÜELLO CASIQUE

SEC.Doris Rivera Vejar.

Emisora La Voz del Samán
EX-1610 KHz,
Oscar Alberto Cacique Argüello
Locutor

Cra. 2da. No. 4-11 Tel. 673128 Bochalema

LA-HÖRIGHETSLISTA 1993

(via Dario Monferini)

92	2360.4	GUA	R Maya de Barillas, Barillas
n	2380.0	BRA	R Educadora, Limeira
	2389.8	GUA	LV de Atitlán, Santiago de Atitlán
90	2410.0	BRA	R Transamazonica, Senador Guijomard
	2420.0	BRA	R Sao Carlos, Sao Carlos
N	2460.0	BRA	R Progresso do Acre, Rio Branco
	2490.0	BRA	R Oito de Setembro, Descalvado
90	2800.0	PER	R San Juan, Tarma (2x1400)
90	2840.0	BRA	R Ibituruna, Gov. Valadares (2x1420)
	3200.4	BOL	R 9 de Abril, Pulacayo
	3205.0	BRA	R Ribeirao Preto, Ribeirao Preto
90	3205.0	BRA	R Vale do Rio Madeira, Humaita
	3220.0	ECU	HCJB, Quito
92	3230.2	PER	R El Sol de Los Andes, Juliaca
	3235.0	BRA	R Clube, Marilia
92	3240.0	ECU	R Antena Libre, Esmeraldas
	3245.0	BRA	R Clube, Varginha
	3249.8	HON	R Luz y Vida, San Luis
	3255.1	BRA	R Educ. Cariri, Crato
	3260.0	PER	LV de Oxapampa, Oxapampa
	3270.1	ECU	Ecos del Oriente, Lago Agrio
90	3275.0	VEN	R Mara, Maracaibo
	3279.8	ECU	LV de Napo, Tena
92	3285.0	BRA	R Bandeirantes, Sao Paulo
	3285.0	BRA	R Sentinela da Amazonia, Obidos
92	3285.3	ECU	LV del Rio Tarqui, Cuenca
	3289.9	ECU	R Centro, Ambato
	3300.0	GUA	R Cultural, Guatemala City
92	3310.3	BOL	R San Miguel, Riberalta
90	3315.0	ECU	R Pastaza, El Puyo
92	3324.8	GUA	R Maya de Barillas, Barillas
92	3325.0	BRA	R Liberal, Belém
	3325.0	BRA	Super R Tupí, Sao Paulo
n	3325.0	ECU	Ondas Quevedenas, Quevedo
	3329.6	PER	Ondas del Huallaga, Huallaga
	3335.0	BRA	R Alvorada, Londrina
91	3339.6	BOL	R Viloco, Viloco
	3340.0	PER	R Altura, Cerro de Pasco
92	3350.1	BOL	R 27 de Diciembre, Villamontes
90	3360.0	CUB	R Rebelde, Bauta
	3360.4	GUA	LV de Nahualá, Nahualá
	3365.0	BRA	R Cultura, Araraquara
	3366.0	CUB	R Rebelde, Bauta
92	3369.4	BOL	R Florída, Samaipata
	3369.8	GUA	R Tezulutlán, Cobán
	3375.2	BRA	R Clube, Dourados
n	3374.9	BRA	R Nacional, Sao Gabriel de Cachoeira
	3380.0	GUA	R Chortiz, Jocotán
92	3381.0	BOL	R Cumbre, Tazna
92	3381.0	ECU	R Iris, Esmeraldas
	3385.0	BRA	R Eduacaco Rural, Tefé
	3390.8	BOL	R Camargo, Camargo
91	3394.8	ECU	R Zaracay, Sto Dom de los Colorados
N	3397.4	PER	R Internacional del Peru, San Pablo
92	3401.0	BRA	R Educ 6 de Agosto, Xapurí
90	3450.0	PER	R Oyón, Oyón
	3478v	BOL	R Padilla, Padilla
	3501.3	COL	LV de Guaiania, Puerto Inirida
	3568.8	BRA	R Educ 3 de Julho, Brasileia
N	3869v	PER	LV de la Esperanza, Cajamarca
	4012.1	PER	R Frecuencia Popular, Rioja
	4039.2	PER	R Marginal, Tocache
92	4109.0	PER	R Naylamp, Lambayque cf 4299.7
92	4118.1	BRA	R Difusora, Sena Madureira
91	4141.0	PER	R Gran Pajatén, Celendin
	4183.3	BRA	R 11 de Octubre, Cobija
92	4237.0	PER	R Inca, Los Banos de Inca cf 4299.6
N	4238.1	PER	R Cajamarca, Cajamarca
92	4299.6	PER	R Inca, Los Banos de Inca
	4299.7	PER	R Naylamp, Lambayeque (x4109)
	4409.3	BOL	R Eco, Reyes
	4419.0	PER	R Frecuencia Lider, Bambamarca
	4420.7	BOL	R Santa Rosa, Yacuma
91	4435.1	BOL	LV del Trópico, Villa Tunari
N	4441.3	BOL	R Ecología Int, San Matias
	4449.7	BOL	R Frontera, Cobija
91	4457.0	BOL	LV del Trópico, Villa Tunari
	4461.2	PER	R Norandina, Celendin
	4471.9	BOL	R Movima, Santa Ana de Yacuma
	4485.0	PER	R Frecuencia VH, Celendin
	4505.1	PER	R Horizontes, Chiclayo (x4509)
92	4509.1	PER	R Horizontes, Chiclayo cf 4505
N	4510.1	PER	R Paucartambo, Paucartambo
	4549.4	BOL	R Dif Trópico, Trinidad (x4552.8)
92	4552.8	BOL	R Dif Trópico, Trinidad (x4775)
N	4593.6	PER	Estación X, Yurimaguas
	4599.7	BOL	R Em Villamontes, Villamontes
	4600.1	BOL	R Perla del Acra, Cobija
91	4606.5	PER	R Ayaviri, Ayaviri
n	4625.7	BOL	R Dif Machupo, San Ramón
N	4631.0	BOL	R Entre Rios, Entre Rios
	4649.0	BOL	R Santa Ana, Santa Ana de Yacuma
92	4679.5	ECU	R Nacional Espejo, Quito cf 4879
	4681.9	BOL	R Paititi, Guayamerin
N	4704.9	PER	Estación Laser, Rioja
	4712.5	BOL	R Abaroa, Riberalta (x4719.9)
91	4739.1	BOL	R Mamoré, Guayaramerin
91	4746.8	BOL	LV del Trópico, Villa Tunari
	4747.0	PER	R Huanta 2000, Huanta (x 4752.1)
92	4752.1	PER	R Huanta 2000, Huanta cf 4747
n	4753.8	BRA	R Dif Maranahao, Sao Luiz
91	4755.0	HON	Sani Radio, Puerto Lempira cf 6299.3
	4755.0	BRA	R Educ Rural, Campo Grande
	4759.8	PER	R Tingo Maria, Tingo Maria
92	4760.1	VEN	R Frontera, San Antonio
92	4765.0	BRA	R Integracao, Cruzeiro do Sul
91	4765.0	BRA	R Rural, Santarém
	4770.8	ECU	R Centinela del Sur, Loja (x4871)
	4774.9	PER	R Tarma, Tarma
90	4775.0	BOL	R Los Andes, Tarija
90	4775.0	BRA	R Portal de Amazonia, Cuiaba
	4775.0	BRA	Novo Dif Congonhas, Congonhas (x4795)
n	4779.8	DOR	Onda Musical, Santo Domingo
	4785.0	BRA	R Brasil, Campinas
92	4785.0	BRA	R Caiarí, Porto Velho
90	4785.0	PER	R CoSat, Satipo
	4785.6	COL	Ecos del Combeima, Ibagué
	4790.0	PER	R Atlántida, Iquitos
	4795.0	BRA	Novo Dif Congonhas, Congonhas cf 4775
	4795.2	ECU	LV de Los Caras, Bahia de Caraquez
90	4796.0	BOL	R Nueva América, La Paz
n	4799.6	ECU	R Popular, Cuenca
92	4799.8	DOM	La N 103, Santiago
	4799.8	GUA	R Buenas Nuevas, San Sebastian H.
91	4800.0	PER	R Frecuencia Lider, Bambamarca cf 4419
	4800.9	PER	R Onda Azul, Puno
92	4803.1	COL	CARACOL, QTH? //5075
	4804.4	PER	R Villa Rica, Huancavelica
	4805.0	BRA	R Dif Amazonas, Manaus
	4808.9	BOL	R Dif Libertad, Distr Minero de Santa Fé
	4810.2	PER	R San Martín, Tarapoto
92	4815.0	BRA	R Cabocla de Tabatinga, Benjamin Constant
	4815.0	BRA	R Difusora, Londrina
91	4819.2	PER	R La Hora, Cuzco cf 4860
90	4820.0	ECU	R Paz y Bien, Ambato
	4820.1	HON	LV Evangélica, Tegucigalpa
92	4820.8	PER	R Atahualpa, Cajamarca
	4824.6	PER	LV de la Selva, Iquitos
	4825.0	BRA	R Cancao Nova, Cachoeira Paulista
	4826.3	PER	R Sicuaní, Sicuaní
	4830.0	BOL	R Grigotá, Santa Cruz
	4830.0	VEN	R Táchira, San Cristóbal
	4831.5	COR	R Reloj, San José
	4833.0	COL	R Buenaventura, Buenaventura cf 4835.9
	4834.9	PER	R Maranon, Jaen
	4835.0	GUA	R Tezulutlán, Cobán
	4835.9	COL	R Buenaventura, Buenvaentura (x4833)
	4838.6	BRA	R Bandeirantes, Sao Paulo
90	4840.0	COR	R Reloj, San José
	4840.0	PER	R Andahuaylas, Andahuaylas
	4840.4	VEN	R Valera, Valera
	4844.8	GUA	R K'ekchi, Alta Verapaz
	4845.0	BOL	R Fides, La Paz
91	4845.0	BRA	R Cabocla, Manaus
N	4845.0	BRA	R Meteorología Paulista, Ibitinga
92	4845.0	COL	R Bucaramanga, Bucaramanga
92	4850.6	ECU	R Luz y Vida, Loja
	4855.0	BOL	R Centenario, Santa Cruz
	4855.0	BRA	R Tropical (xEm Rural Aruana), Barra do Garcas
	4855.8	PER	R La Hora, Cuzco drifting to 4858.1
N	4860.0	PER	R Lider, Cuzco
90	4860.0	VEN	R Maracaibo, Maracaibo

92	4860.4	PER	R La Hora, Cuzco (x4855.5)
	4864.4	BOL	R Dif 16 de Marzo, Oruro
91	4865.0	BRA	R Verdes Florestas, Cruzeiro do Sul
	4865.0	COL	CARACOL, Arauca
90	4870.0	ECU	R Rio Amazonas, Macuma
92	4871.1	ECU	R Centinela del Sur, Loja (x4899) cf 4771
	4875.0	BRA	R Super Roraima, Boa Vista
	4875.2	BOL	La Cruz del Sur, La Paz
	4879.6	ECU	R Nacional Espejo, Quito (x4680)
	4881.6	PER	R Nuevo Mundo, Pucallpa
	4885.0	BRA	R Clube do Para, Belém
91	4885.0	BRA	R Carajá, Anápolis
n	4885.0	BRA	R Dif Acreaná, Rio Branco
	4885.0	COL	Ondas del Meta, Villavicencio
91	4885.3	PER	R Villa Rica, Huancavelica cf 4804
	4890.3	PER	R Chota, Chota
	4895.0	BRA	R Baré, Manaus
	4895.0	BRA	R IPB AM, Campo Grande
	4895.0	COL	LV del Rio Arauca, Arauca
91	4899.0	PER	R Tawantinsuyo, Cuzco cf 4908
92	4899.2	ECU	R Centinela del Sur, Loja cf 4871
	4899.8	PER	R La Hora, Cuzco (x4859)
	4902.0	BOL	R San Ignacio, San Ignacio do Moxos
92	4904.2	BRA	R Relogio, Rio de Janeiro cf 4918
	4905.0	BRA	R Anhanguera, Araguaiana
91	4907.6	PER	R La Hora, Cuzco cf 4860
92	4907.9	PER	R Tawantinsuyo, Cuzco split w La Hora
91	4909.9	PER	R Tawantinsuyo, Cuczo
	4910.7	HON	LV de la Mosquitia, Puerto Lempira
91	4911.0	ECU	Em Gran Colombia, Quito
	4914.6	PER	R Cora, Lima
	4915.0	BRA	R Anhanguera, Goiania
	4915.1	BRA	R Difusora, Macapá
92	4918.3	BRA	R Relogio, Rio de Janeiro cf 4904
	4919.9	ECU	R Quito, Quito
	4925v	BOL	R San Miguel, Riberalta (x3310?)
92	4924.1	PER	Ondas del Titicaca, Puno
92	4924.9	BRA	R Difusora, Taubaté
90	4930.0	HAI	R 4VEH, Cap Haitien
92	4930.1	DOM	R Barahona, Santo Domingo
90	4935.0	BOL	R CORDECH, Sucre
	4935.0	BRA	R Capixaba, Vitória
90	4935.0	BRA	R Difusora, Jataí
90	4935.0	BRA	R Jornal A Critica, Manaus
	4935.0	PER	R Tropical, Tarapoto
92	4938.4	BOL	R Norte, Montero
	4939.6	VEN	R Continental, Barinas
	4944.3	BRA	R Em Rural, Petrolina rpt 4946.8
N	4944.5	PER	R Onda Verde, Pichinaqui
	4945.0	BOL	R Illimani, La Paz
	4945.0	BRA	R Progresso, Porto Velho
	4950.0	PER	R Madre de Dios, Pto Maldonado cf 4953
	4953.0	PER	R Madre de Dios, Pto Maldonado (x4950)
n	4954.9	BRA	R Cl Rondonópolis, Rondonópolis
	4955.0	BRA	R Marajoára, Belém
	4955.0	PER	R Cultural, Amauta
	4959.9	DOM	R CIMA, Santo Domingo (x4962)
	4960.3	PER	R La Merced, La Merced cf 4964.5
	4960.3	ECU	R Federación, Sucúa drifting from 4960.7
92	4964.3	BRA	R Potí, Natal
	4964.5	PER	R La Merced, La Merced (x4960)
	4965.0	BOL	R Juan 23, San Ignacio de Velasquez
	4965.0	BRA	R Alvorada, Parintins
	4965.5	COL	R Santa Fé, Santa Fé de Bogotá
90	4966.0	PER	R San Miguel, Huanchac
	4970.0	VEN	R Rumbos, Caracas
	4974.7	PER	R Del Pacífico, Lima
	4975.0	BOL	R Maria Auxiliadora, Montero
92	4975.0	BRA	R Timbira, Sao Luis
	4975.0	BRA	R Tupí, Sao Paulo
	4976.4	COL	Ondas del Orteguaza, Florencia n4975
	4980.0	VEN	Ecos del Torbes, San Cristóbal
	4980.8	BOL	R Difusoras Minería, Oruro (x4987)
	4985.0	BRA	R Brasil Central, Goainia
91	4986.7	BOL	R Difusoras Minería, Oruro cf 4981
90	4987.8	BOL	R Horizonte, Riberalta
	4990.9	PER	R Ancash, Ancash
	4991.1	BOL	R Animas, Chocaya
	4996.0	PER	R Andina, Huancayo
	5005.0	BOL	R Libertad, La Paz
92	5008.0	PER	R Horizonte, Chachapoyas
	5010.2	ECU	ERPE, Riobamba
n	5014.9	PER	Estación Tarapoto, Tarapoto
	5015.0	BRA	R Brasil Tropical (x Cultura), Cuiabá
	5015.0	BRA	R Pioneira, Teresina
90	5015.0	PER	R Moyobamba, Moyobamba
n	5019.6	COL	Ecos del Atrato, Quibdó
	5025.0	CUB	R Rebelde, Bauta
	5025.0	PER	R Quillabamba, Quillabamba
92	5030.0	COR	AWR, San José
90	5030.0	PER	R Los Andes, Huamachuco
	5030.1	ECU	R Católica, Quito
	5030.1	VEN	R Continente, Caracas
	5035.0	BRA	R Aparecida, Aparecida
91	5039.2	PER	R Libertad, Junín
	5040.0	ECU	LV del Upano, Macas
91	5040.1	VEN	R Maturín, Maturín
	5044.9	BRA	R Cultura do Pará, Belém
91	5045.0	BOL	R Altiplano, La Paz
N	5046.2	PER	Estación Yurimaguas, Yurimaguas
	5049.8	ECU	R Dif Jesus del Gran Poder, Quito
	5050.0	COL	LV de Yopal, Yopal
	5054.2	GUI	RFO, Cayenne
	5055.0	COR	Faro del Caribe, San José
	5055.0	BRA	R Difusoras, Caceres
91	5059.2	PER	R Lircay, Lircay
	5060.5	ECU	R Nacional Progreso, Loja drift fr 5061.8
	5068.4	PER	Ondas del Sur Oriente, Quillabamba
	5075.0	COL	CARACOL, Santa Fé de Bogotá
	5082.6	PER	R Mundo, Cuzco
	5097.3	PER	R Eco, Iquitos
92	5111.3	BOL	LV del Trópico, Villa Tunari (x4747)cf 5934
91	5131.1	PER	R Juanjui, Juanjui
N	5131.0	PER	R Visión 2000, Bambamarca
	5156.2	BOL	R Em Galaxia, Guayaramerin cf 5178.7
	5178.7	BOL	R Em Galaxia, Guayaramerin (x5156)
91	5235.4	PER	R San Antonio, Arequipa
91	5313.3	PER	R Atalaya, Atalaya
	5323.6	PER	R Origen, Huancavelica
92	5360.1	PER	R Visión, Juanjui
N	5388v	PER	R Tayabamba, Tayabamba
92	5419.7	PER	R Sonorama, Saposoa
N	5486.6	PER	La Reina de la Selva, Chachapoyas
	5500.4	BOL	R Luz de Oriente, Roboré
	5505.3	BOL	R 2 de Febrero, Rurrenabaque
92	5535.1	COL	Ecos Celestiales, Medellín
90	5539.0	PER	R Frecuencia Modular, Celendin
91	5569.4	COL	R Nueva Vida, Tibú
	5580.2	BOL	R San José, Chiquitos
N	5602.7	PER	R Ritmo, Puerto Maldonado
	5620.3	PER	R Ilucán, Ilucán drift from 5619
92	5645.0	PER	R Bambamarca, Bambamarca
	5660.6	PER	LV de Cutervo, Cutervo
92	5669.9	PER	R Frecuencia, San Ignacio
N	5700.0	PER	R San Ignacio, San Ignacio (xFrecuencia?)
90	5721.0	PER	R San Miguel Arcangel, San Miguel cf 6339
N	5770.0	NIC	R Miskut, Puerto Cabezas
	5800.0	PER	R Nueva Cajamarca, Cajamarca
	5934.5	BOL	LV del Trópico, Villa Tunari (x4747, 5111)
92	5948.7	BOL	Em Pio XII, Siglo Veinte cf 5954
	5953.8	BOL	Em Pio XII, Siglo Veinte temp 5947
92	5955.0	BRA	R Gazeta, Sao Paulo
	5955.0	COL	CARACOL, Villavicencio
	5955.0	COL	LV de los Centauros, Floréncia
90	5955.0	PER	R Huancayo, Huancayo
	5964.8	BOL	R Nacional, Huanuni
	5965.0	ECU	LV del Upano, Macas
91	5970.0	BRA	R Itatiaia, Belo Horizonte
	5975.0	COL	R Macarena, Villavicencio
	5980.0	BRA	R Guarujá, Florianópolis
	5981.3	GUA	Union R, Guatemala City
	5995.1	PER	R Melodía, Arequipa
92	5999.4	ECU	LV del Upano, Macas
	5999.8	BRA	R Guaiba, Porto Alegre
	6005.5	COR	R Reloj, San José
	6010.1	BRA	R Inconfidéncia, Belo Horizonte
91	6010.6	VEN	R 1040, Mérida
	6015.7	BOL	R El Mundo, Santa Cruz
	6020.0	BRA	R Gaucha, Porto Alegre
n	6024.9	DOR	R Amanecer Int, Santo Domingo
	6025.0	BOL	R Illimani, La Paz
	6029.7	CHI	R Santa Maria, Coahique
92	6030.0	BRA	R Globo, Rio de Janeiro
	6032.9	PER	R Landa, Arequeipa
	6035.2	COL	LV Guaviare, San José de G.
	6040.4	BRA	R Clube Paranaense, Curitiba

92	6045.0	PER	R Santa Rosa, Lima
	6045.0	URU	R Integración Americana (x Sport), M.
92	6045.5	COL	R Melodía, Santa Fé de Bogotá
90	6050.0	BRA	R Guaraní, Belo Horizonte
	6055.3	PER	R Continental, Arequipa
	6060.0	ARG	R Nacional, Buenos Aires
	6060.0	BRA	R Universo, Curitiba
	6065.0	COL	R Super, Santa Fé de Bogotá
N	6070.0	BRA	R Capital, Rio de Janeiro
92	6075.0	COL	CARACOL, Santa Fé de Bogotá
	6080.0	BRA	R Anhanguera, Goiania
N	6080.0	BRA	R Novas de Paz, Curitiba
91	6084.8	BOL	R San Gabriel, La Paz
	6088.5	CHI	R Esperanza, Temuco
	6090.0	BRA	R Bandeirantes, Sao Paulo
	6104.8	BRA	R Cultura, Foz de Iguacu
	6105.0	BRA	R Cancao Nova, Cachoeira Paulista
90	6105.0	COL	CARACOL, Medellín
	6105.5	BOL	R Panamericana, La Paz
	6115.0	PER	R Unión, Lima
	6116.4	COL	LV del Llano, Villavicencio
90	6120.0	BRA	R Globo, Sao Paulo
N	6122.9	BOL	R Dif Integración, El Alto
	6135.0	BOL	R Santa Cruz, Santa Cruz
	6135.0	BRA	R Aparecida, Aparecida
N	6137.5	PER	LV de Alto Mayo, Nuevo Cajamarca
	6141.3	PER	R Concordia, Arequipa
	6150.0	BRA	R Record, Sao Paulo
	6150.0	COL	CARACOL, Neiva
	6155.0	BOL	R Fides, La Paz
n	6160.9	ARG	R Malargüe, Malargüe
	6170.3	COL	LV de la Selva, Florencia
	6173.9	PER	R Tawantinsuyo, Cuzco
	6183.1	BRA	R Nacional Amazonia, Brasilia n6185
	6185.0	MEX	R Educación, Mexico City
	6190.1	PER	R Oriente, Yurimaguas drift from 6188
91	6191.7	PER	R Cuzco, Cuzco cf 6203
N	6196.2	BOL	R Metropolitana, La Paz (x6194.5)
	6200.3	PER	LV de Huamanga, Huamanga
	6203.7	PER	R Cuzco, Cuzco (x6191)
	6205.5	DOM	R Quisqeya Int, Santo Domingo
92	6261.1	PER	R Juanjui, Juanjui
	6281.6	PER	R Huancabamba, Huancabamba
92	6299.3	HON	Sani R, Puerto Lempira (x4755)
90	6304.0	PER	R Acari, Acari
	6330.0	PER	Estación C, Moyobamba fr 6324, cf6499
	6339.6	PER	R San Miguel Arcangel, S Miguel (x5721)
	6571.5	PER	R Tacna, Tacna
	6627.9	PER	LV de San Antonio, Bambamarca
92	6670.2	PER	R Santa Monica, Santiago de Chuco
90	6691.0	PER	R Cutervo, Cutervo
	6724.3	PER	R Satélite, Santa Cruz
	6754.6	PER	R La Merced, Tongod
	6803.1	PER	R Ondas del Rio Mayo, Nuevo Cajamarca
n	6815.2	PER	R Universo, Pandalle
91	6851.0	PER	R Cultural, Cailloma
91	7030.5	PER	R Azángaro, Azángaro
	7375.0	COR	R For Peace Int, Ciudad Colón
	9486.3	PER	R Tacna, Tacna alt 9504.9
	9504.9	PER	R Tacna, Tacna
91	9505.0	BRA	R Record, Sao Paulo
90	9515.0	MEX	LV de América Latina, Mexico City
	9515.0	BRA	R Novas de Paz, Curitiba
92	9539.2	BRA	R Educadora de Bahia, Salvador
	9540.0	VEN	R Nacional, Caracas
	9565.0	BRA	R Universo, Curitiba
	9585.0	BRA	R Excelsior, Sao Paulo
	9595.0	URU	R Monte Carlo, Montevideo
	9615.0	BRA	R Cultura, Sao Paulo
	9620.2	URU	SODRE, Montevideo
	9629.7	BRA	R Aparecida, Aparecida
92	9640.0	VEN	Ecos del Torbes, San Cristóbal
	9645.0	BRA	R Bandeirantes, Sao Paulo
	9655.0	COL	R Nacional, Santaa Fé de Bogota
	9659.4	VEN	R Rumbos, Caracas
	9665.0	BRA	R Marumby, Florianópolis
	9674.9	BRA	R Cancao Nova, Cachoeira Paulista
90	9675.0	PER	R Del Pacífico, Lima
91	9684.8	BRA	R Gazeta, Sao Paulo
	9705.0	BRA	R Nacional, Rio de Janerio
91	9725.0	COR	R Lira, Alajuela
	9735.0	PAR	R Nacional, Asunción
	9877.5	DOM	R Santiago, Santiago
	11704.1	BRA	R Transamerica, Porto Alegre
	11735.0	URU	R Monte Carlo/Oriental, Montevideo
	11785.0	BRA	R Guaiba, Porto Alegre
	11805.3	BRA	R Globo, Rio de Janeiro
	11814.9	BRA	R Brasil Central, Goiania
92	11822.5	COL	R Nacional, Santa Fé de Bogota
	11829.9	BRA	R Anhanguera, Goiania
	11835.7	URU	R El Espectador, Montevideo
	11854.5	BRA	R Aparecida, Aparecida
90	11870.0	COR	R Lira, Alajuela
	11905.0	BRA	R Universo, Curitiba
	11814.9	BRA	R Gaucha, Porto Alegre
	11925.3	BRA	R Bandeirantes, Sao Paulo
92	11935.0	BRA	R Clube de Paranaense, Curitiba
	11939.5	PAR	R Encarnación, Encarnación
90	11950.0	BRA	R MEC, Rio de Janeiro
	11964.7	BRA	R Record, Rio de Janeiro
90	13255.0	PER	LV de San Antonio, Bambamarca 2x6628
N	13525.0	MEX	R Educación, Mexico City
91	13630.0	COR	R For Peace Int, Ciudad Colón
	15030.0	COR	R For Peace Int, Ciudad Colón
90	15135.0	BRA	R Record, Sao Paulo
92	15139.4	CHI	R Nacional, Santiago
91	15190.0	BRA	R Inconfidencia, Belo Horizonte
	15265.0	BRA	R Nacional, Brasilia
90	15415.0	BRA	R Ribeirao Preto, Ribeirao Preto
92	15430.0	MEX	R Mexico Int, Mexico City
90	15445.0	BRA	R Nacional da Amazonia, Brasilia
92	15476.1	ANT	R Nacional Arcangel, Base Esperanza
N	15675.0	HON	R Copán Int, Copán
92	17815.0	BRA	R Cultura, Sao Paulo
92	17862.1	COL	R Nacional, Santa Fé de Bogotá
92	17875.0	BRA	R MEC, Rio de Janeiro
92	21465.0	COR	R For Peace Int, Ciudad Colón
92	26299.0	ARG	R Nacional, Buenos Aires

Listan omfattar loggningar gjorda under 1993 i Skandinavien och redovisade i Distance, DXClusive, Eter-Aktuellt och Shortwave Bulletin. Helt nya stationer utmärks med ett < N >. Stationer som är hörda innan 1990 och hörts under 1993, utmärks med ett < n >. Frekvensangivelse är den senaste rapporterade. Förhoppningsvis är listan komplett vad gäller hörigheter och stationsorter. Har ni några synpunkter på listans utformning, korrektioner eller tillägg hör av er till: John Ekwall, Box 6014, 600 06 Norrköping. /JOE 940201

NOTE FROM GH Apologies to those who have been waiting so long for this issue as a sample or as the next in a subscription. Priority has had to be given to weekly WORLD OF RADIO broadcasts, weekly SHORTWAVES newspaper column, monthly MONITORING TIMES column. I may be "burning out" as far as huge hours at the typewriter compiling DX news myself in the previous format of DXLD--doing that for MT is about all I can manage at present. But this DXLD contains a huge amount of info from other sources (such as above) you probably have not seen. THANKS to the 99% of recipients who have understood and NOT pestered me for refunds or where's-my-copy? It seems that the great majority would still prefer to have an occasional DXLD like this than none at all. I hesitate to pull the final plug. If I did, people would get pro-rated refunds, or perhaps outside N.America, conversion to other publications. Those who are due to renew or subscribe may feel free to take our 5-issue half-price offer if they like. A similar situation applies to REVIEW OF INTERNATIONAL BROADCASTING. Issue 147 will be published sometime after this DXLD. I do not specify a certain number of issues per year, much less monthly publication as some have assumed. I always wish I could get both out more frequently, and may find a way to do so, but do not want to make promises I cannot keep. Thank you.

THE STATE ENTERPRISE OF BROADCASTING AND RADIO COMMUNICATIONS No 2 (GPR-2)

ADDR: ul.Akademika Pavlova 13A, St.Petersburg 197376 Russia
Te: +7-812-2341002 (Mon-Fri 0500-1200)
Fax: +7-812-2342971 (Mon-Fri 0500-1200)
L.P: General Director: Parfeniy P. Galyuk
Chief Engineer : Mikhail V. Sergeyev

Main transmitting centers:

St.Petersburg (Popovka G.C: 30.42E / 59.39N):

LW / MW : 2 x 2000 (1000 each in use), 1 x 2000 (1200 in use), 1 x 1000 kW tr's
SW : 17 x 200 kW tr's

Kaliningrad (Bolshakovo G.C: 21.43E / 54.54 N):

LW / MW : 1 x 2500, 1 x 2500 (1200 in use), 1 x 2000 (1200 in use), 1 x 150 kW tr's
SW : 9 x 80 kW tr's

D.PRGR : relays of various state and independent stations, incl. Radio Moscow Int'l.
V. by card and schedule via GPR-2 Verification QSL Service (addr as above). Rp (2 IRC)

GPR-2 Summer broadcasting schedule

effective from March 27,1994 to September 24,1994

All times UTC. Frequencies in kHz (MHz where stated). The schedule is subject to change.

171	K	0100-2300	Radio Odin
198	P	2300-2200	Radio Mayak
234	P	0100-2300	Radio Odin
549	P	0000-2300	Radio Mayak
684	P	0300-2000	Radio Baltica
		2000-2300	Radio Baltica (Fri-Sun)
801	P	0100-2100	Radio Sankt-Peterburg
		2100-2300	Radio Mayak
828	P	0400-2000	Radio Katyusha
873	P	0100-2300	Radio Rossii
1053	P	1300-1900	Radio Otkryty Gorod
1125	P	0200-2000	Radio Orphey
1143	K	0100-0300	Radio Slavyanka (Tue-Sun)
		0100-0300	Radio Mayak (Mon)
		0300-1600	Radio Mayak
		1600-1800	Radio Slavyanka (Mon-Sat)
		1600-1800	Radio Mayak (Sun)
		1800-0000	Radio Mayak
1188	P	0200-2200	Deutsche Welle (G/Ru)
1215	K	0200-1500	Radio Mayak
		1500-1700	RM Polish
		1700-1800	RM English
		1800-1900	RM Polish
		1900-2300	Radio Nadezhda
1260	P	0230-2030	BBC London (E/Ru)
1386	K	0300-0330	RM English
		0330-0400	Radio Aum Shinrikyo
		0400-1500	RM English
		1500-2000	RM German
		2000-2200	RM English
1440	P	0000-2300	RFI Paris (F/Ru)
1494	P	2130-1400	Radio Yunost
		1500-1600	RM English (Sun-Fri)
		1500-1600	RM special prgr (Sat)
		1600-1700	RM Finnish
		1700-1800	RM Norwegian
		1800-1900	RM Swedish
		1900-2000	RM Danish
		2000-2100	RM English
6015	K	0300-0600	Radio Nadezhda
		1430-2300	Radio Nadezhda
6045	P	0300-1400	Radio Nadezhda
7230	P	1500-1530	RM Slovak
		1530-1600	RM Czech
		1600-1700	RM Hungarian
		1700-1800	RM Slovak
		1800-1900	RM Czech
		1900-2000	RM Hungarian
		2000-2100	RM Italian
		2100-2200	RM English
7280	K	1430-1500	RM English
		1500-2000	RM German
		2000-2200	RM English
7300	P	2030-2200	RM English
		2230-0400	RM Spanish
7310	K	0527-0726	Radio Netherlands (D)
		1627-1726	Radio Netherlands (D)
7400	P	1900-2100	RM Italian
		2100-2200	RM English

P.T.O...

9480	K	0100-0300	Radio Slavyanka (Tue-Sun)
		0100-0300	Radio Mayak (Mon)
		0300-0430	Radio Mayak
		1600-2100	Radio Mayak
9580	K	0300-0330	RM English
		0330-0400	Radio Aum Shinrikyo
		0400-0700	RM English
9640	P	1900-1930	RM English
		1930-2000	Radio Aum Shinrikyo
		2000-2200	RM English
9655	P	2230-0400	RM Spanish
		0400-0600	RM English
9695	P	0100-0600	Radio Odin
9740	P	1600-1700	RM Serbo-Croatian
		1700-1730	RM Slovenian
		1730-1800	RM Italian
		1800-1900	RM Albanian
		1900-2000	RM Serbo-Croatian
		2000-2100	RM Italian
		2100-2200	RM English
9755	P	1830-2300	Radio Odin
9825	P	1330-1800	Radio Odin
9840	P	0100-0600	Radio Rossii
		1430-2300	Radio Rossii
11685	P	0630-1300	Radio Odin
11705	P	0430-1800	RM English
11745	P	0300-0330	RM English
		0330-0400	Radio Aum Shinrikyo
		0400-0700	RM French
11745	K	0730-1400	RM English
11800	P	1500-2200	Voice of Russia
11930	P	0300-0800	Voice of Russia
11965	K	0630-1400	Radio Nadezhda
11985	P	0100-0330	RM English
		0330-0400	Radio Aum Shinrikyo
		0400-0700	RM English
		1430-2300	Radio Nadezhda
12000	P	1730-2000	RM Arabic
		2000-2200	RM French
12035	P	0100-0500	Voice of Russia
12045	P	0630-1400	Radio Rossii
		1430-2200	Voice of Russia
12065	P	1730-1800	RM Arabic
		1800-1830	RM Persian
13680	P	0530-0800	Voice of Russia
15140	P	0430-1300	RM English
		1300-1330	Radio Mayak
		1330-1400	RM Hausa
		1400-1500	RM English
15380	K	0500-1530	Radio Mayak
15540	P	0500-1300	RM English
		1300-2000	RM Arabic
21590	P	0730-1300	RM English
		1300-1330	Radio Mayak
		1330-1400	RM Hausa
		1400-1600	RM Arabic
21750	P	0730-1300	RM English
		1300-1600	RM Arabic
		1600-1700	RM English

K	=	Kaliningrad	D	= Dutch	G	= German	71.24MHz P as 684 Radio Baltica
P	=	Petersburg	E	= English	Ru	= Russian	73.10MHz P 0330-1930 Radio Polis
RM	=	Radio Moscow Int'l	F	= French			102.8 MHz P 0300-2100 Radio Maximum
							104.0 MHz P 0400-2000 Radio Modern

GPR-2 Verification QSL Service

The State Enterprise of Broadcasting and Radio Communications No.2 (GPR-2) which is in St.Petersburg informs radio listeners and DXers all over the world about the starting of its Verification QSL Service .

Since January the 1st, 1994 the reception reports on all the programmes relayed via transmitting centres in St.Petersburg and Kaliningrad are verified with a QSL card and our full current schedule.

Reception reports should be sent to the following address: GPR-2 Verification QSL Service, ul. Akademika Pavlova 13A, St.Petersburg 197376, Russia.

Two International Reply Coupons (IRC's) would be highly appreciated.

GPR-2 Radio Relay Service.

The State Enterprise of Broadcasting and Radio Communications No.2 (GPR-2), based in St.Petersburg, is planning to create its own Radio Relay Service, destined for retranslating satellite and taped programmes for various international radio stations, public and religious organizations, private persons.

Broadcasting facilities of the GPR-2 are able to cover the regions of Middle East, Africa and Europe with 10, 20, 100, 200, 400 and 800 kW transmitting power in the short wave bands. On the medium waves for transmitting power 150, 1000 and 2000 kW the European region is available.

The price of broadcasting services depends on the ordered transmitter capacity, assuming 0.7 - 1.0 USD for 1 kW power per hour.

The address is as follows: The State Enterprise of Broadcasting and Radio Communications No.2 (GPR-2), ul.Akademika Pavlova 13A, St.Petersburg 197376, Russia.

Fax: +7-812-2342971 (Mon-Fri 0500-1200 UTC). (via Mikhail P Timofeyev, Edwin Southwell)

Compiled by GPR-2 Verification QSL Service. Date of compiling: March 24th, 1994.

This schedule has been prepared in co-operation with the St.Petersburg DX-Club (fax number : +7-812-2210198).

SELECTED ENGLISH LANGUAGE DX/SWL/MEDIA PROGRAMS
compiled by John Norfolk

SUNDAY
0015-0025 Spanish Nat'l R DX SPOT 9540
0030-0130 WWCR #1 HOME SATELLITE RADIO NETWORK 7435
0039-0115 HCJB DX PARTY LINE 21455 17490 15155 9745
0110-0130 VOA COMMUNICATIONS WORLD 15205 15120 11695 11580 9775 9455 7405 5995
0115-0125 Spanish Nat'l R DX SPOT 9540
0118-0128 Swiss R Int'l SW MERRY-GO-ROUND 9885 6135 5905
0123-0133 Deutsche Welle DX WORLD MEETING after last Sat 11865 9700 9650 9565 6145 6120 6085 6040
0130-0145 Havana DXERS UNLIMITED 9815 6010
0130-0200 WHRI #2 WORLD OF RADIO 7315
0200-0230 RFPI WORLD OF RADIO some of 21465 15030 9400 7375* 6200 [*alt 7385]
~~0200-0300~~ KWHR DX RADIO SHOW 17510 0300-0400
~~0200-0300 WHRI #2 DX RADIO SHOW 7315~~
0200-0300 WWCR #3 SPECTRUM 5810
0215-0227 KSDA DX ASIAWAVES 13720
0245-0250 Romania DX MAILBAG 11940 11830 9750 9510 6155
0257-0310 Vatican ON THE AIR 7305 6095
0309-0345 HCJB DX PARTY LINE 21455 17490 15155 9745
0315- Turkey DX PROGRAM biweekly 9445
0315-0345 WWCR #1 WORLD OF RADIO 7435
0323-0333 Deutsche Welle DX WORLD MEETING after last Sat 11715 9700 9640 9545 6185 6120
0330-0345 Havana DXERS UNLIMITED 9510 6010
0418-0428 Swiss R Int'l SW MERRY-GO-ROUND 9885 9860 6135
0509-0545 HCJB DX PARTY LINE 21455 17490 11925
0515-0525 Spanish Nat'l R DX SPOT 9540
0523-0533 Deutsche Welle DX WORLD MEETING after last Sat 11705 9670 9515 5960
0525-0550 Japan MEDIA ROUNDUP 17810 15410 11885 11740 9725 9610 7230 5975
0530-0545 Havana DXERS UNLIMITED 9510
0600-0630 WWCR #3 WORLD OF RADIO 5810
0600-0630 KWHR WORLD OF RADIO 17510
0725-0750 Japan MEDIA ROUNDUP 21610 17810 15410 15380 15270 11740 7230 5975
0940- FEBC Philippines DX REPORT 11690
1000-1030 RFPI WORLD OF RADIO see Sunday 0200
1035-1052 Korea SW FEEDBACK 11715
1240-1257 Korea SW FEEDBACK 7180
1320-1325 Israel DX CORNER 15650 15640
1425-1450 Japan MEDIA ROUNDUP 11915 11840 11705 9750 9535
1445- FEBC Philippines DX REPORT 11995
1615-1627 KSDA DX ASIAWAVES 7455
1725-1750 Japan MEDIA ROUNDUP 11930 9580 9535 6150
1815-1827 KSDA DX ASIAWAVES 13720
1925-1929 Israel DX CORNER 17575 15640 11675 11603 9435
2125-2150 Japan MEDIA ROUNDUP 11925 9580 9535 7140 6150 6035
2145-2157 Bulgaria R BULGARIA CALLING 11720 9700
2300-2330 RFPI WORLD OF RADIO see Sunday 0200
2300-2330 WWCR #1 WORLD OF RADIO 15685

MONDAY
0100-0130 WHRI #1 WORLD OF RADIO 9495
0125-0150 Japan MEDIA ROUNDUP 17845 17810 15195 11910 11860 11840 9610 5960
0140-0157 Korea SW FEEDBACK 15575
~~0300-0400 WWCR #1 SPECTRUM 7435~~
0400-0500 KWHR DX RADIO SHOW 17510
0400-0500 WHRI #1 DX RADIO SHOW 9495
0415-0427 Bulgaria R BULGARIA CALLING 11720 9700
0430-0500 New Zealand MAILBOX biweekly 15115
0635-0648 Korea SW FEEDBACK 15155 11945
0637-0645 Vlaanderen RADIO WORLD 9925 6015
0700-0730 RFPI WORLD OF RADIO see Sunday 0200
1040-1045 India DXERS CORNER 2nd & 4th 21735 17895 17895 15050
1245-1257 Bulgaria R BULGARIA CALLING 17625
1307-1317 Vlaanderen RADIO WORLD 17775 15545
1435-1440 India DXERS CORNER 2nd & 4th 15120 11760
1445-1457 Bulgaria R BULGARIA CALLING 17705 15460
1840-1845 India DXERS CORNER 2nd & 4th 15080 11935 11860 11620 9950 7412
2130-2135 India DXERS CORNER 2nd & 4th 15265 11715 11620 9950 9910 7412
2155-2159 Israel DX CORNER 17575 15640 11675 11603 9435
2340-2345 India DXERS CORNER 2nd & 4th 15145 15110 11745 11715 9910

TUESDAY
0247-0252 Romania FOR RADIO AMATEURS 11940 11830 9570 9510 6155
1230-1300 WWCR #1 WORLD OF RADIO 15685
1250-1300 Sweden MEDIASCAN 1st & 3rd 17870 15240
1350-1400 Sweden MEDIASCAN 1st & 3rd 17870 15240
1520- Warsaw DX CLUB 9525 7285
1900-1930 RFPI WORLD OF RADIO see Sunday 0200
1950- Warsaw DX CLUB 9525 7285 6135
2140-2155 Havana DXERS UNLIMITED 17760
2240-2255 Havana DXERS UNLIMITED 6180

WEDNESDAY
0040-0055 Havana DXERS UNLIMITED 9815 6010
0050-0100 Sweden MEDIASCAN after 1st & 3rd Tue 9850 6065
0122-0127 Budapest DX WORLD 11910 9835 6025
0240-0255 Havana DXERS UNLIMITED 9510 6010
0250-0300 Sweden MEDIASCAN after 1st & 3rd Tue 9850 6040
0300-0330 RFPI WORLD OF RADIO see Sunday 0200
0350-0400 Sweden MEDIASCAN after 1st & 3rd Tue 9850 6040
0440-0455 Havana DXERS UNLIMITED 6180 6010
0640-0655 Havana DXERS UNLIMITED 9510
0700-0710 HCJB [title TBA] 21455 17490 11835 6205
0705-0715 HCJB [title TBA] 11925 9745
0800-0830 HCJB HAM RADIO TODAY 21455 17490 11925 11835 9745 6205
1030-1100 HCJB HAM RADIO TODAY 21455 17490 11925 9745

1100-1130 RFPI WORLD OF RADIO see Sunday 0200
1220- Warsaw DX CLUB 11815 9525 7270 7145 6135
1330- FEBC Philippines DX REPORT 11995
1720- Warsaw DX CLUB 9525 7285 7270
1730-1800 HCJB HAM RADIO TODAY 21455 17790 17490? 15270
1930-2000 HCJB HAM RADIO TODAY 21455 17790 17490 15270
2100-2130 HCJB HAM RADIO TODAY 21455
2130-2140 HCJB [title TBA] 21455 11835 15270

THURSDAY
0100-0130 HCJB HAM RADIO TODAY 21455 17490 15155 9745
0122-0127 Budapest DX WORLD 11910 9835 6025
0130-0140 BBC WAVEGUIDE 15260 11750 9915 9590 7325 6175 6005 5975
0152-0224 Netherlands MEDIA NETWORK 12015 9860
0330-0400 HCJB HAM RADIO TODAY 21455 17490 15155 9745
0400-0410 HCJB [title TBA] 21455 17490 15155 9745
0530-0600 HCJB HAM RADIO TODAY 21455 17490 11925
0752-0824 Netherlands MEDIA NETWORK 9720 9630
0830-0900 New Zealand MAILBOX biweekly 6100
0952-1024 Netherlands MEDIA NETWORK 15470 12065 9810 9720
1152-1224 Netherlands MEDIA NETWORK 9650 5955
1352-1424 Netherlands MEDIA NETWORK 15150 13700 9890
1552-1624 Netherlands MEDIA NETWORK 15150 13700 9890 5955
1752-1824 Netherlands MEDIA NETWORK 21590 17655 7120 6020
1952-2024 Netherlands MEDIA NETWORK 17655 17605

FRIDAY
0052-0124 Netherlands MEDIA NETWORK 12025 9860 9840 6165 6020
0252-0324 Netherlands MEDIA NETWORK 12025 9860
0352-0424 Netherlands MEDIA NETWORK 9590 6165
1545-1600 Portugal DX PROGRAM tri-weekly 21515
1915-1930 Portugal DX PROGRAM tri-weekly 17680 11975 9815 9780
1930-2000 New Zealand MAILBOX biweekly 11735
1945-1957 Bulgaria R BULGARIA CALLING 11720 9700
2000-2030 RFPI WORLD OF RADIO see Sunday 0200
2115-2145 WWCR #1 WORLD OF RADIO 15685
2300-2330 WHRI #2 WORLD OF RADIO 7315
2330-2342 Bulgaria R BULGARIA CALLING 11720 9700

SATURDAY
0145-0200 Portugal DX PROGRAM triweekly 11840 9705 9600? 9570 9505?
0400-0430 RFPI WORLD OF RADIO see Sunday 0200
0600-0630 KWHR WORLD OF RADIO 17510
0600-0630 WHRI #2 WORLD OF RADIO 7315 [& 9495 occasionally]
0618-0628 Swiss R Int'l SW MERRY-GO-ROUND 15430 13635 9885
0630-0700 WWCR #1 WORLD OF RADIO 7435
0637-0645 Vlaanderen RADIO WORLD 9925 6015
0715-0725 BBC WAVEGUIDE 9640 5975
0739-0815 HCJB DX PARTY LINE 21455 17490 11925 11835 9745 6205
0900-0930 KWHR WORLD OF RADIO 9930
0918-0928 Swiss R Int'l SW MERRY-GO-ROUND 21820 13685 9885
0940- FEBC Philippines DX DIAL 11690
1009-1045 HCJB DX PARTY LINE 21455 17490 11925 9745
1030-1040 BBC WAVEGUIDE 15190 11750 9740
1118-1128 Swiss R Int'l SW MERRY-GO-ROUND 15505 13635 9885
1200-1230 RFPI WORLD OF RADIO see Sunday 0200
1210-1230 VOA COMMUNICATIONS WORLD 15425 15160 11715 9760 6110
1307-1317 Vlaanderen RADIO WORLD 17775 15545
1318-1328 Swiss R Int'l SW MERRY-GO-ROUND 15505 13635 11690 7480
1440- FEBC Philippines DX DIAL 11995
1518-1528 Swiss R Int'l SW MERRY-GO-ROUND 15505 13635 9455
1610-1630 VOA COMMUNICATIONS WORLD 19379
1615-1627 KSDA DX ASIAWAVES 7455
1718-1828 Swiss R Int'l SW MERRY-GO-ROUND 17635 13635 9885
1800-1830 RFPI WORLD OF RADIO see Sunday 0200
1909-1945 HCJB DX PARTY LINE 21455 17790 17490 15270
2015- Turkey DX PROGRAM biweekly 9900
2018-2028 Swiss R Int'l SW MERRY-GO-ROUND 15505 13635 9885
2039-2115 HCJB DX PARTY LINE 21455
2110-2130 VOA COMMUNICATIONS WORLD 21485 17895 17800 15580 15445 15410 13710
2130-2145 Havana DXERS UNLIMITED 17760
2215- Turkey DX PROGRAM biweekly 11710 9445 7185
2230-2245 Havana DXERS UNLIMITED 6180
2337-2347 Vlaanderen RADIO WORLD 13655 11740
2245-2257 KSDA DX ASIAWAVES 15610

Times & lengths are nominal & may vary. Airings of WORLD OF RADIO on WHRI are subject to pre-emption. Some HCJB, RFPI & Havana freqs are USB. All programs have one edition per week/cycle except DXERS UNLIMITED (2).

The compiler does not claim that this list includes all "DX" programs, nor does he claim that all times & frequencies for any particular program are listed. Not all programs have SW news & SW-oriented features.

SOME PROGRAM PRESENTERS or *DX REPORTERS
WORLD OF RADIO: Glenn Hauser
MEDIA NETWORK: Jonathan Marks
COMMUNICATIONS WORLD: Gene Reich
DX CORNER: Ben Dalfen
DXERS UNLIMITED: Arnie Coro
DX PARTY LINE: Richard & Lisa McVicar
DX SPOT: Terry Burgoyne; Allison Hughes or Mary Fitzhugh
HAM RADIO TODAY: John Beck
MAILBOX: *Arthur Cushen
MEDIA ROUNDUP: Mark Robinson; *Bruce MacGibbon
MEDIASCAN: George Wood
RADIO WORLD: Frans Vossen
SPECTRUM: Dave Marthouse, Mark Emanuele
SW FEEDBACK: *William Matthews
SW MERRY-GO-ROUND: Bob Zanotti, Bob Thomann

SOME AMATEUR RADIO VOICE NETS & °BULLETINS
compiled by John Norfolk, non-amateur

FREQ kHz	UT TIME ST	DST	NAME UT day(s) [¶=AM mode]
1855	0245	0145	°W1AW
	0545	0445	°W1AW
1860	0200	0100	¶GATEWAY 160 METER Thu
	0315	0215	¶°GATEWAY 160 NEWSLETTER Thu
	1000	0900	¶°GATEWAY 160 NEWSLETTER Tue
	2130	2030	¶°GATEWAY 160 NEWSLETTER Sat
	2250	2150	¶°GATEWAY 160 NEWSLETTER Mon-Thu
1983	0300	0200	#LOWFERS ENAm Mon
3760	2300	2300	CIDX Sat
3765	0100	0000	#MARITIME VHF OPERATORS Fri
3768	0100	0000	GERITOL
3782	0300	0200	OVER THE HILL
3805	1130	1030	#CARIBBEAN EMERGENCY/WEATHER
	2330	2230	#CARIBBEAN EMERGENCY/WEATHER
3815	----	----	HURRICANE WATCH
3818	0300	0200	#WEST COAST VHF GROUP
3840	0100	0100	EAST COAST SATELLITE Tue
	0200	0200	MID AMERICA AMSAT Tue
	0200	0100	NAT'L RADIO CLUB Mon &/or Thu, maybe Sun; also Mon morn at unspecified time
3843	0200	0100	MIDWEST VHF GROUP Tue
3845	2330	2230	SOONER TRAFFIC Mon-Sat
3855	1400	1300	OKLAHOMA QCWA Sun
3860	----	----	WA3NAN SPACE SHUTTLE AUDIO
	1800	1700	MINNESOTA PHONE
	2330	2230	MINNESOTA PHONE
3862.5	0015	2315	MISSISSIPPI PHONE
3865	0100	0000	DRAKE ANTIQUE & TUBE Sun
	0230	0130	OHIO MASONIC FELLOWSHIP Mon
	0300	0200	MISSION TRAIL WNAm
3866	----	----	COUNTY HUNTERS winter evenings
3870	0000	2300	SOUTH DAKOTA NEO SESSION
3871	0200	0100	EAST COAST/MIDWEST ATV Wed
3872.5	0130	0030	CHRISTIAN FELLOWSHIP
3873	0030	2330	TEXAS TRAFFIC
	0130	0030	WEST GULF COAST ARRL DIRECTORS' Tue
	0145	0045	NORTH TEXAS ARES Tue alt 7273
3875	1100	1000	BIBLE STUDY GROUP
3877	0030	2330	MAGNOLIA
3885	1200	1100	ARKANSAS PHONE
3898	0000	2300	TRADERS Tue-Sat ST/Mon-Fri DST
3900	----	----	HURRICANE WATCH
	----	----	TEXAS PANHANDLE EMERGENCY Night
	0030	2330	MONTANA TRAFFIC
	1400	1300	ARKANSAS/OKLAHOMA SALVATION ARMY 2nd Sat alt 7285
	1400	1300	OKLAHOMA PHONE EMERGENCY Sun
	2230	2130	OKLAHOMA PHONE Mon-Fri
	2345	2245	OKLAHOMA TRAFFIC/WEATHER Mon-Sat
3905	0000	2300	ILLINOIS SIDEBAND
	0100	0000	GULF SIDEBAND TRAFFIC Tue-Sun
	0200	0200	3905 CENTURY CLUB
3907	0000	2300	COASTAL CAROLINA EMERGENCY
3910	0030	2330	LOUISIANA TRAFFIC
	1400	1300	CENTRAL TEXAS EMERGENCY Sun
3915	0000	2300	SOUTH CAROLINA SSB
3920	----	----	ALASKA EARTHQUAKE/TSUNAMI/ARES
	0000	2300	KANSAS WEATHER
	0030	2330	KANSAS SIDEBAND
	0130	0030	KANSAS QCWA Sun
	1245	1145	KANSAS PHONE Mon/Wed/Fri
	1300	1200	KANSAS WEATHER
	1400	1300	KANSAS PHONE Sat-Sun
	1430	1330	CENTRAL STATES TRAFFIC Sun
3922	0230	0130	CONTINENTAL TEXAS TRADERS Mon
3923	0045	2345	WYOMING COWBOY Tue-Sat ST/Mon-Fri DST
	1310	1210	WYOMING WEATHER Mon-Fri
3925	0030	2330	GULF COAST SIDEBAND
3927	0400	0300	#LOWFERS WNAm
3928	1500	1400	COLORADO ARES Sun
	2230	2130	ARKANSAS MOCKINGBIRD Mon-Fri
3929	0200	0100	MUTUAL UFO Sun
3930	0000	2300	#BNU
	1200	1100	CHRISTIAN FELLOWSHIP Mon-Sat
	1400	1300	NORTH TEXAS EMERGENCY Sun
3932	0130	0030	GREAT LAKES EMERGENCY/TRAFFIC
3933	0000	2300	PANHANDLE TRAFFIC/EMERGENCY
	2330	2230	#POTTER COUNTY TEXAS ELECTRIC TWO-WAY Tue/Thu
3935	0000	2300	WOLVERINE
	0100	0000	CENTRAL GULF COAST HURRICANE
	0330	0230	SOUTHWEST TRAFFIC
	0430	0330	ICE CREAM
3937	0200	0100	FRIENDLY AR MISSIONS WNAm
3939	----	----	NEW MEXICO ARES/RACES
	0100	0000	NEW MEXICO ROAD RUNNER TRAFFIC
	1330	1230	NEW MEXICO BREAKFAST CLUB
3940	1000	0900	EARLY BIRD TRANSCONTINENTAL
3943.5	1400	1300	WEST GULF COAST EMERGENCY Sun
3945	1330	1230	COLORADO WEATHER
	1500	1400	COLORADO EMERGENCY Sun
3947	0315	0215	VIRGINIA LATE
3950	0300	0200	CHRISTIAN IDENTITY Thu; AR FORUM Fri; FREEMAN'S Sat; LIBERTY Sun
3953	0000	2300	MICHIGAN TRAFFIC
3957	0100	0000	MASONIC & SHRINERS Fri
3959	0200	0100	40 OVER SE USA Mon after 3rd Sun
3960	0000	2300	KENTUCKY TRAFFIC
	1130	1030	KENTUCKY REBEL Mon-Fri
	1330	1230	KENTUCKY PHONE
3963	0000	2300	MISSOURI SSB
	0030	2330	FLEET RADIO UNIT PACIFIC ENAm Thu ST/Wed DST 3963
	2330	2230	MISSOURI EMERGENCY/WEATHER "MEAW"
3965	0030	2330	ALABAMA TRAFFIC
	0130	0030	ALABAMA EMERGENCY Wed
3970	0055	2355	EYE EMERGENCY/80 METER EYE BANK
	0200	0100	WASHINGTON AR TRAFFIC WNAm
	0230	0130	SOUTHERN COUNTRY COUSINS
	1200	1100	EYE EMERGENCY/80 METER EYE BANK Mon-Fri
	1245	1145	EYE EMERGENCY/80 METER EYE BANK
	1830	1730	IOWA 75 METER NOON
	2330	2230	IOWA 75 METER EVENING
3972.5	0200	0100	ADVENTIST AR

3973	0330	0230	MIDWEST COUNTRY COUSINS
3975	----	----	EMERGENCY HEALTH & WELFARE
	0100	0000	°IARN
	0300	0200	GOLDEN BEAR WNAm
	0300	0200	°IARN
	1100	1000	°IARN
	1200	1100	°IARN
	1400	1300	°IARN
	1800	1700	°IARN
	2200	2100	°IARN
	2330	2230	GEORGIA SSB
3978	0100	0000	UFO DISCUSSION GROUP Sun
	0230	0130	EXPERIMENTAL AIRCRAFT ASSOCIATION Tue-Sat
	2330	2230	TEXAS T.O.M.
3980	0030	2330	TENNESSEE PHONE Tue-Sun ST/ Mon-Sat DST
	0230	0130	OREGON EMERGENCY
	1100	1000	EASTERN BIBLE STUDY
	1145	1045	TENNESSEE EARLY PHONE Mon-Fri
	1245	1145	TENNESSEE PHONE
	2300	2200	¶°IARN Sun
3982	0030	2330	NEBRASKA WEATHER
3985	0100	0000	75 METER INTERSTATE SIDEBAND
	0400	0300	11 O'CLOCK
	2330	2200	WISCONSIN SIDEBAND
3987.5	0030	2330	ARKANSAS RAZORBACK
	0100	0000	ARKANSAS RACES/ARES Fri alt 7285; ARKANSAS SECTION ARRL 16th of month
3989	0200	0200	COLUMBINE WNAm
3990	0100	0000	SUNBELT SERVICE SE USA Tue-Sat
	0245	0145	°W1AW
	0545	0445	°W1AW
	1100	1000	ROOSTER
	1200	1100	GEORGIA TRAFFIC Mon-Sat
	1300	1200	GEORGIA TRAFFIC Sun
3990.5	0100	0000	COLORADO RACES Mon/Wed
	0130	0030	COLORADO SPRINGS EL PASO COUNTY RACES Mon
3993	1300	1200	#OKLAHOMA TRAFFIC Sun
3997	1300	1200	OKLAHOMA RACES ADMINISTRATIVE Sun
7085	1700	1600	ODXA ENAm Sun
7090	----	----	VENEZUELA EMERGENCY
7159	0700	0700	DX
7165	----	----	HURRICANE WATCH
7168	0130	0030	SOUTH JERSEY GROUP
7183	0700	0700	US 40 METER DX
7185	----	----	WA3NAN SPACE SHUTTLE AUDIO
7200	2300	2300	UN9LX COMMONWEALTH OF INDEPENDENT STATES Fri alt 7043?
7227	1900	1800	QCWA CHAPTER 90 Sun
7230	0100	0000	ALPHA CHARLIE
7232.5	1200	1100	RV SERVICE
7233	----	----	TEXAS PANHANDLE EMERGENCY Day
	1630	1530	MUTUAL UFO WNAm Sat
7233.5	0000	0000	CENTURY CLUB
	1830	1730	CENTRAL STATES TRAFFIC Mon-Fri
	2130	2030	HAMS FOR CHRIST FELLOWSHIP Mon-Fri
7235	0700	0700	TRIPLE H
	1500	1400	#GE MOBILE GROUP Sun
7237	1300	1200	MUTUAL UFO E/CNAm Sat
	1500	1400	SATURDAY MORNING SIDEBAND Sat
7238	0300	0200	FLEET RADIO UNIT PACIFIC WNAm
	1200	1100	CLASSROOM Mon-Fri; ORCATS ENAm Sun
	1300	1200	ORCATS Sun
	1900	1800	CONTINENTAL TEXAS TRADERS Sun
7240	1400	1300	WORLD GOSPEL MISSION Sat
	1500	1400	ANARC SWL ENAm Sun
	1800	1700	HIGH NOON
7243	1800	1700	WEST COAST AMATEUR TV Sun
7247	----	----	CENTRAL GULF COAST HURRICANE
7248	1300	1200	BUCK-A-ROO PLUS Mon-Fri
7253.5	2200	2100	#KADIDDLEHOPPERS Sun
7258	1530	1430	#MIDWEST AR SERVICE
7260	1330	1230	NAVY AR CLUB
7262	1500	1400	PROFESSIONAL LOAFERS CLUB Mon-Fri
7262.5	0100	0000	OLE MISS INT'L
7264	1100	1000	BUCK-A-ROO Mon-Fri
7265	1200	1100	OMIK ELECTRONICS COMMUNICATIONS ENAm Sun
	1400	1300	OMIK ELECTRONICS COMMUNICATIONS WNAm Sun
7268	----	----	EMERGENCY HEALTH & WELFARE
	----	----	HURRICANE WATCH
	1245	1245	WATERWAY ENAm
	1500	1400	ROCKY MOUNTAIN RV SERVICE
	1900	1800	WEST COAST SWL Sat
7268.5	0030	2330	#KADIDDLEHOPPERS WEST Sun-Mon ST/Sat-Sun DST
7270	0300	0200	WESTERN STATES TEACHERS
7273	----	----	NORTH TEXAS ARES/EMERGENCY
	0130	0030	see 3873
	1430	1330	DAYTIME TEXAS TRAFFIC Mon-Sat
	1530	1430	AIR FORCE FLYERS CLUB Wed
	1900	1800	DAYTIME TEXAS TRAFFIC Sun
7274	0300	0300	see 7294
7275	1400	1300	40 METER TRADERS Sun [regular gear 1st hour; old gear 2nd hour; computers 3rd hour]
	1430	1330	NAIS Sat
	1930	1830	NAZARENE AR FELLOWSHIP Mon-Fri
7277.5	2000	1900	OKLAHOMA BAPTIST DISASTER RELIEF Sun
7280	0030	2330	MOONLIGHTERS
	1630	1530	REGION 5 TRAFFIC
	1805	1705	MISSOURI HAMBUTCHERS Mon-Fri
	1945	1845	REGION 5 TRAFFIC Sun
	2130	2030	REGION 5 TRAFFIC Mon-Sat
7282	1900	1800	NEBRASKA 40 METER
7282.5	1400	1300	MERCURY MISARKLA Sat
7283.5	1500	1400	EXPERIMENTAL AIRCRAFT ASSOCIATION Sat/Mon
7285	1400	1300	see 3900
7290	----	----	HAWAII EMERGENCY
	0000	2300	¶°IARN Mon ST/Sun DST
	0100	0000	TIMBER WOLF GROUP
	0245	0145	°W1AW
	0545	0445	°W1AW
	1600	1500	7290 TRAFFIC
	1900	1800	7290 TRAFFIC
7292	0300	0200	GOOD SAM RV Tue-Sat
7294	0030	2330	40 METER EYE BANK
	0100	0000	HOMETOWN Sun-Mon
	0300	0300	SANDION TRIVIA alt 7274
	1400	1300	CENTRAL EMERGENCY Mon-Fri; HERE AFTER Sun
14160	2000	2000	#ET DX

14165	1100	1100	W2MIG CARIBBEAN/ASIAN DX
	2000	2000	CIDX 2nd/4th Sun
14192	1800	1700	DAYTON Mon/Wed/Fri
14205	0000	0000	SOCIETY OF BROADCAST ENGINEERS CHAPTER 73 Mon after 2nd Sun [may move 1-2 hours earlier]
14220	1100	1100	ISLANDS ON THE AIR "IOTA"
14222	0300	0300	HEARD ISLAND DX ASSOCIATION Mon-Sat
14226.5	1400	1400	FAMILY HOUR
	2100	2100	BUTTERFLY DX
14230	1500	1400	INT'L VISUAL COMMUNICATIONS ACCOCIATION SLOW SCAN TV Sat
14235.5	1300	1200	#GE
	1400	1300	BATHROBE
	1430	1330	MARGATE[?] SAFARI
14236	2330	2330	INT'L DX ASSOCIATION "INDXA" except Wed
14237	1500	1600	GOOD SAM RV informal Tue, Thu
14240	2000	1900	GOOD SAM RV Sun
14242.5	1630	1530	#DECATUR -?- Wed
14243	1700	1600	SUBMARINE VETERANS
14247	2130	2130	247 DX
14250	2200	2100	SWAN Sun
14252	2330	2330	US CYCLING FEDERATION 1st, 3rd Sun during off season; daily during major races
14255	2000	1900	FLYING BOAT AR SOCIETY Sun/Wed
	2100	2000	BROADCASTERS Mon-Fri
14256	2300	2300	256 GROUP
14260	1300	1300	ISLANDS ON THE AIR "IOTA" Sat
14262	1600	1500	DIAMOND STATE Mon-Fri
	1630	1530	BUCKEYE
14263	1830	1830	FAMILY MOTOR COACH ASSOCIATION YL
	1900	1900	FAMILY MOTOR COACH ASSOCIATION
	2100	2000	COLLINS METER Pt 1 Sun
	2300	2200	COLLINS METER Pt 2 Sun
14264	0300	0200	MEDICAL AR COUNCIL Tue/Thu/Sat
14268	----	----	EMERGENCY HEALTH & WELFARE
	----	----	UN RADIO READINESS
14270	----	----	HURRICANE WATCH
	2000	1900	MUTUAL UFO Sun
14272.5	0130	0030	AYN RAND Tue after 2nd Mon; Thu after last Wed
14275	----	----	DOMESTIC AR EMERGENCY "DARE"
	----	----	UN RADIO READINESS
	0100	0000	°IARN
	0300	0200	°IARN
	0800	0800	IARN ASIA/PAC EMERGENCY
	1100	1000	°IARN
	1200	1100	°IARN
	1330	1330	BERMUDA Sun
	1400	1300	°IARN
	1800	1700	°IARN
	2200	2100	°IARN
14278	2000	1900	#MEDICAL AR COUNCIL "MARCO" Sun/Mon/Thu
14280	----	----	EMERGENCY HEALTH & WELFARE
	0300	0300	INT'L TEACHERS Thu after 1st & 3rd Wed
	1500	1400	INT'L ASSOCIATION OF AIRLINE HAMS Sun/Wed
	1800	1700	INT'L MISSION RADIO ASSOCIATION "IMRA"
14283	----	----	HURRICANE WATCH
	1100	1100	CARIBBEAN TRAFFIC
14287	0600	0600	ROUND TABLE
	1500	1500	INT'L HANDICAPPED Mon-Fri
	1700	1700	INT'L HANDICAPPED Sun
	1800	1800	VA SERVICE Mon-Fri
	2000	1900	GENIE ROUND TABLE Sun alt 21387
	2100	2000	ARMY AIRWAYS COMMUNICATIONS SYSTEM ALUMNI Wed/Fri
	2130	2030	ASSOCIATION OF FAITH CHURCHES Sun
14290	0245	0145	°W1AW
	0545	0445	°W1AW
	1700	1600	OLE MISS INT'L Mon-Sat; WEST VIRGINIA HILLBILLY Sun
14292	----	----	ALASKA EARTHQUAKE/TSUNAMI/ARES
14293	2000	1900	see 28395
14295	----	----	WA3NAN SPACE SHUTTLE AUDIO
	1500	1400	OMIK ELECTRONICS COMMUNICATIONS Sun first hour informal
14297	1800	1800	INT'L TESLA SOCIETY Sat
14300	----	----	MARITIME MOBILE [24 hours]
14303	1130	1100	INT'L ASSISTANCE & TRAFFIC
14305	0130	0030	HAWAIIAN COCKTAIL
	1300	1300	14305 GROUP Mon-Fri
	1500	1400	ADVENTIST AR Sun
	1700	1600	SUNSHINE
	1800	1700	AMERICAN COUNCIL FOR THE BLIND Mon-Fri
	2000	2000	14305 GROUP Mon-Fri
	2100	2000	NAZARENE AR FELLOWSHIP Sun
14307.5	1515	1415	AR MISSIONARY SERVICE "ARMS" Mon-Fri
14308	1515	1415	#MEDICAL AR COUNCIL Sun
	1600	1500	AIR FORCE FLYERS Sun
	2100	2100	ASSOCIATION OF PUBLIC SAFETY COMMUNICATIONS OFFICERS Sun
	2200	2100	INT'L RV SERVICE Mon-Fri
14309	1900	1800	TVRO USERS/EXPERIMENTERS Sun
14310	1600	1500	OVER THE HILL GROUP Mon-Fri
	1630	1530	SHRINERS Sat
14313	0100	0100	MARITIME MOBILE SERVICE
	0300	0300	SEAFARERS'
	1500	1400	INTERCONTINENTAL TRAFFIC
	1700	1700	MARITIME MOBILE SERVICE
14315	0800	0800	PACIFIC INTER-ISLAND
14316	1500	1500	FOREIGN SERVICE Sun
14317	1700	1600	ICOM USERS Sun
	1800	1700	YAESU USERS Sun
	2000	1900	KENWOOD USERS Sun
14318	1700	1600	TENACITY GROUP Mon-Fri
14323	1400	1300	20 METER INTERSTATE Mon-Fri
14325	----	----	HURRICANE WATCH [primary]
	1600	1500	ATARI MICROCOMPUTER
	2300	2200	ARMORED FORCE AR
14326	1200	1100	MYER DELNICK MISHPOCHA
	1330	1230	CHAVERIM INT'L Sun
14327	1600	1500	ALPHA CHARLIE Sun; IBUW Sat
14328	0000	2300	PHILA SHRINERS' CHILDREN'S HOSPITAL Fri ST/Thu DST
	1600	1500	MASONIC FELLOWSHIP Mon-Fri
	1700	1600	ELKS Mon-Fri
	1800	1700	SEVENTH DAY ADVENTIST Mon/Wed/Fri
14330	1300	1300	PLA/NET 1st/3rd Sat
	1630	1630	PLA/NET Eur/Af/ME Sat

	1830	1830	PLA/NET NAm Sat
14332	0200	0100	YL SSB SYSTEM
	1600	1600	YL SSB SYSTEM
14333	----	----	CHINA EMERGENCY
14336	----	----	COUNTY HUNTERS
14340	1130	1130	DIVI-DIVI Sun/Tue/Thu
	1630	1630	CALIF/HAWAII MARITIME Mon-Fri
14345	1600	1500	70 CENTIMETER EME Sat-Sun
	1730	1630	2 METER EME Sat-Sun
	2030	1930	CENTRAL AREA TRAFFIC
	2230	2130	PACIFIC AREA TRAFFIC
14347	2000	2000	QCWA Sun
18155	2300	2200	17 METER AMSAT Sun
18160	0245	0145	°W1AW
	0545	0445	°W1AW
21260	1300	1300	ISLANDS ON THE AIR "IOTA" Sun
21280	1900	1800	15 METER AMSAT Sun
21345	1800	1800	FAMILY HOUR
21355	1800	1800	AFRICANA
21360	1800	1700	OLE MISS INT'L Sat-Sun
21380	1500	1400	INT'L ASSOCIATION OF AIRLINE HAMS Thu
21385	2000	1900	NAZARENE AR FELLOWSHIP Sun
21387	2000	1900	see 14287
21390	----	----	WA3NAN SPACE SHUTTLE AUDIO
	0245	0145	°W1AW
	0545	0445	°W1AW
	1900	1900	HALO Mon-Fri [EG/SP]
	2000	2000	INTER-AMERICAN Mon-Fri [EG/SP]
21402	2200	2200	MARITIME MOBILE
21405	1900	1800	574 555th BATTALION Mon-Fri
	2100	2000	ADVENTIST AR Sun
21410	1700	1600	INT'L POLICE ASSOCIATION Sun/Wed
21412	2200	2200	PACIFIC MARITIME MOBILE
21416	1530	1530	FOREIGN SERVICE Sun
21440	1930	1830	WESLEYAN CONNECTION Sun
24945	1500	1500	EUROPE/AFRICA 12 METER DX
28303	1730	1630	CQ ALL SCHOOLS Tue/Thu
28330	1900	1900	PLA/NET USA Sun
28380	----	----	10 METER MARITIME
28383	2030	1930	NAZARENE AR FELLOWSHIP Sun
28395	2000	1900	CHRISTIAN AR FELLOWSHIP Sat alt 14293
28460	----	----	ISLANDS ON THE AIR "IOTA"
28475	0100	0000	°IARN
	0300	0200	°IARN
	1100	1000	°IARN
	1200	1100	°IARN
	1400	1300	°IARN
	1800	1700	°IARN
	2200	2100	°IARN
28590	0245	0145	°W1AW
	0545	0445	°W1AW
	1300	1300	DX
28616	1600	1600	FOREIGN SERVICE Sun
28650	----	----	WA3NAN SPACE SHUTTLE AUDIO
28885	----	----	INT'L 6 METER DX
	----	----	10 METER PROPAGATION ALERT

AM MODE HAMS: check between 29000-29200 & 21400-21450; 18150 ("calling freq") 14286 7290 7195 7160 3885 3880 3870 1945

FIELD DAY occurs last full weekend in June.

Frequencies nominal & may vary due to QRM.

#: entry still under investigation. [?], -?-: name/word not yet certain. alt: alternate freq. ARES: Amateur Radio Emergency Service. EME: Earth-Moon-Earth bounce. QCWA: Quarter Century Wireless Association. RACES: Radio Amateur Civil Emergency Service.

Most nets last 30-60 mins.; a few are longer (DX & maritime nets can run for hours). If there is little or no traffic nets can close after 5-10 mins. Some are preceded &/or followed by informal "call-in" sessions. Due to the uncertainty of some of the times given on some sources, it is possible that some nets may start at times other than what is given, or be on the following UT day. Some nets may not be active during certain times of the year.

Most listings from monitoring in central Okla. Other sources: via RIB, DXLD, NASWA JOURNAL, MONITORING TIMES; WORLD OF RADIO, DX DAILY, DX PARTY LINE, & HAM RADIO TODAY; W1AW, IARN & GATEWAY 160 bulletins.

GATEWAY 160: WAØRCR Wentzville MO. Newsline, RAIN [Radio Amateur Information Network] dial-up, IARN, etc; THIS WEEK IN AMATEUR RADIO live from the Omega Network Sat 6:30 pm CT. Some airings may be canceled if no control operator available.

IARN: K1MAN Int'l Amateur Radio Network, Belgrade Lakes Maine. Bulletins from IARN, RAIN dial-up, Newsline; N1FJL Ralph Myra DX Report. IARN freqs may be used for emergency traffic; if so, the bulletin may be aired on nearby freqs.

ORCATS: W9ZMR Chicago. Old Time Radio Collectors & Traders; may include taped bulletins from various sources.

W1AW: American Radio Relay League, Newington CT. Bulletin runs 5-10 mins; DX reports UT Sat. In a communications emergency, monitor for W1AW on the hour.

WA3NAN SPACE SHUTTLE AUDIO RELAY: Goddard Amateur Radio Club, Greenbelt, MA.

Z 94

FINAL BROADCAST SCHEDULE

Effective 03.04.94 (0900 UTC) to 25.09.94 (0900 UTC)

RADIO CANADA INTERNATIONAL

(via Bill Westenhaver)

UTC	kHz	METRES	kW	BEAM	PROGRAM	TARGET AREA
0000-0059	5960	50.34	250	240	FRENCH (RCI)	USA
	9755	30.75	250	240	" "	"
	% 11845	25.33	100	212	" "	CAR/LAM/USA
	% 11940	25.13	250	176	" "	CAR. + LAT. AM.
	% 15235	19.69	250	176	" "	" " "
0000-0059 (SUN&MON)	11845	25.33	100	212	SPANISH	CAR./LAM /USA
	11940	25.13	250	176	"	CAR. + LAT. AM.
	15235	19.69	250	176	"	" " "
0030-0059 (TUE-SAT)	11845	25.33	100	212	SPANISH	CAR./LAM /USA
	11940	25.13	250	176	"	CAR. + LAT. AM.
	15235	19.69	250	176	"	" " "
0100-0159	6120	49.02	250	277	ENGLISH (RCI)	USA
	9755	30.75	250	240	" "	"
	& 9535	31.46	250	176	" "	CAR. + LAT. AM.
	& 11940	25.13	250	189	" "	" " "
	& 11845	25.33	100	212	" "	CAR/LAM/USA
0130-0159 (TUE-SAT)	9535	31.46	250	176	SPANISH	CAR. + LAT. AM.
	11940	25.13	250	176	"	" " "
	11845	25.33	100	212	"	CAR/LAM/USA
0200-0259	9535	31.46	250	176	ENGLISH (CBC)	CAR. + LAT. AM.
	11940	25.13	250	176	" "	" " "
	11845	25.33	100	212	" "	CAR/LAM/USA
	6120	49.02	250	277	" "	USA
	9755	30.75	250	240	" "	"
0300-0329	U 11790	25.45	300	110	FRENCH (RCI)	MIDDLE EAST
	V 11925	25.16	300	115	" "	" "
0330-0359	V 11925	25.16	300	115	ARABIC	MIDDLE EAST
	S 11970	25.06	250	75	"	" "
	W 15390	19.49	500	120	"	" "
0400-0429	S 9650	31.09	250	75	ENGLISH (RCI)	MIDDLE EAST
	S 11905	25.20	250	75	" "	" "
	U 11925	25.16	300	110	" "	" "
	V 15275	19.64	300	115	" "	" "
0430-0459	W 15215	19.72	500	120	ARABIC	MIDDLE EAST
	V 15275	19.64	300	115	"	" "
	W 17745	16.91	500	120	"	" "
0500-0529 (MON-FRI)	U 15430	19.44	300	140	ENGLISH (PK)	AFRICA
	U 17840	16.82	300	114	" "	AFR/M.E.
	U 6050	49.59	300	110	" "	EUROPE
	6150	48.78	250	60	" "	EUR/AFR
	U 7295	41.12	300	175	" "	" "
0530-0559 (MON-FRI)	U 15430	19.44	300	140	FRENCH (PK)	AFRICA
	U 17840	16.82	300	114	" "	AFR/ME
	U 6050	49.59	300	110	" "	EUROPE
	6150	48.78	250	60	" "	EUR/AFR
	U 7295	41.12	300	175	" "	" "
1200-1259 (MON-FRI)	17820	16.84	250	176	ENGLISH (CBC)	CAR/USA
	11855	25.31	250	240	" "	USA
	9635	31.14	100	240	" "	"
1200-1259 (MON-FRI)	15425	19.45	250	176	FRENCH (CBC)	CAR/USA
	9650	31.09	100	212	" "	USA
1200-1229 (MON-FRI)	Y 9660	31.06	100	270	FRENCH (CBC)	ASIA
	Y 15195	19.74	300	235	" "	"
1200-1229 (SAT&SUN)	Y 9660	31.06	100	270	FRENCH (RCI)	ASIA
	Y 15195	19.74	300	235	" "	"
1230-1259	Y 9660	31.06	100	270	ENGLISH (RCI)	ASIA
	Y 15195	19.74	300	235	" "	"
1300-1325	K 6150	48.78	250	270	CHINESE	CHINA
	Y 9660	31.06	100	270	"	"
	Y 11955	25.09	300	270	"	"
1300-1559;30 (SUN ONLY)	17820	16.84	250	176	ENGLISH (CBC)	CAR/USA
	11955	25.09	100	240	" "	USA
1300-1559;30 (SUN ONLY)	11855	25.31	100	212	FRENCH (CBC)	USA/CAR
1330-1359	I X 9535	31.46	120	78	ENGLISH (RCI)	EAST ASIA
	I X 11795	25.43	120	78	" "	" "
	# 17895	16.76	100	105	" "	AFRICA
	S 15325	19.58	250	52	" "	EUR/M.E/AFR
	S 21455	13.98	250	75	" "	" " "
	# 15315	19.59	250	60	" "	EUROPE
	# 17820	16.84	100	60	" "	"
1400-1459	# 17895	16.76	250	105	FRENCH (CBC)	AFRICA
	U 11935	25.14	300	90	" "	EUROPE
	# 15315	19.59	100	60	" "	"
	# 17820	16.84	100	60	" "	"
	S 15325	19.58	250	52	" "	EUR/M.E./AFR
1430-1455	Y 6150	48.78	300	290	CHINESE	CHINA
	Y 9680	30.99	300	270	"	"
	K 7285	41.18	250	270	"	"
1500-1544	$ K 6040	49.67	250	319	RUSSIAN	EAST-CIS
	$ Y 6150	48.78	300	290	"	"
	$ Y 7200	41.67	100	290	"	"
	$ K 7285	41.18	250	290	"	"
	U 11935	25.14	300	70	"	C/E EUROPE
	# 15305	19.60	100	47	"	" "
	U 15325	19.58	300	70	"	" "
	# 17820	16.84	250	47	"	" "
1545-1629	U 11935	25.14	300	90	UKRAINIAN	C/E EUROPE
	# 15305	19.60	100	47	"	" "
	U 15325	19.58	300	82	"	" "
	# 17820	16.84	250	47	"	" "
1630-1657	X 7150	41.96	120	258	ENGLISH (RCI)	INDIA
	X 9550	31.41	120	258	" "	"
1630-1714	U 9555	31.40	250	70	RUSSIAN	C/E EUROPE
	U 15325	19.58	300	70	"	" "
	17820	16.84	250	47	"	" "
1715-1759	> U 5995	50.04	300	90	UKRAINIAN	C/E EUROPE
	U 9555	31.40	300	82	"	" "
	< U 11735	25.56	300	90	"	" "
	17820	16.84	250	47	"	" "
1800-1844	U 7235	41.47	300	70	RUSSIAN	C/E EUROPE
	U 11790	25.45	300	70	"	" "
	13670	21.95	250	47	"	" "
	15325	19.58	250	47	"	" "
	17820	16.84	250	47	"	" "
1845-1929	U 7235	41.47	300	90	UKRAINIAN	C/E EUROPE
	U 11735	25.56	300	90	"	" "
	13670	21.95	250	47	"	" "
	15325	19.58	250	47	"	" "
	17820	16.84	250	47	"	" "
1930-2029	13670	21.95	250	105	FRENCH (RCI)	AFRICA
	15315	19.59	100	105	" "	"
	17820	16.84	250	105	" "	"
	U 5995	50.04	300	110	" "	EUR/AFR/M.E.
	U 7235	41.47	300	160	" "	EUR/AFR
	13650	21.98	250	60	" "	EUROPE
	15325	19.58	100	47	" "	"
	17875	16.78	250	60	" "	"
2015-2035	C 1233	243.3	600	ND	ARABIC	MIDDLE EAST
2030-2129	13670	21.95	250	105	ENGLISH (RCI)	AFRICA
	17820	16.84	250	105	" "	"
	17850	16.81	100	105	" "	"
	U 5995	50.04	300	110	" "	EUR/AFR/M.E.
	U 7235	41.47	300	110	" "	EUR/AFR/M.E.
	13650	21.98	250	60	" "	EUROPE
	15325	19.58	100	47	" "	"
	17875	16.78	250	60	" "	"
2129;30-2159 (MON-FRI)	13670	21.95	250	105	FRENCH (CBC)	AFRICA
	17820	16.84	250	105	" "	"
	U 5995	50.04	300	110	" "	EUR/AFR/M.E.
	U 7235	41.47	300	110	" "	EUR/AFR/M.E.
	15325	19.58	100	60	" "	EUROPE
2129;30-2150 (MON-FRI)	11905	25.20	100	212	FRENCH (CBC)	CAR/LAM/USA
	15390	19.49	250	176	" "	CAR. + LAT. AM.
	9755	30.75	250	227	" "	CAR/USA
2129;30-2159 (SAT&SUN)	11905	25.20	100	212	FRENCH (CBC)	CAR/LAM/USA
	15390	19.49	250	176	" "	CAR. + LAT. AM.
	9755	30.75	250	227	" "	CAR/USA
	13670	21.95	250	105	" "	AFRICA
	17820	16.84	250	105	" "	"
	U 5995	50.04	300	110	" "	EUR/AFR/M.E.
	U 7235	41.47	300	110	" "	EUR/AFR/M.E.
	15325	19.58	100	60	" "	EUROPE
2150-2159 (MON-FRI)	11905	25.20	100	212	CREOLE (RCI)	CAR/LAM/USA
	15390	19.49	250	176	" "	CAR. + LAT. AM.
	9755	30.75	250	227	" "	CAR/USA

Z 94

FINAL SCHEDULE FOR FOREIGN RELAYS VIA SACKVILLE

Effective 03.04.94 (0900 UTC) to 25.09.94 (0900 UTC)

RADIO CANADA INTERNATIONAL

(via Bill Westenhaver)

ORGANIZ	UTC	EDT	kHz	kW	BEAM	PROGRAM	TARGET AREA
BBC	0014:30-0329:30	2014:30-2329:30	6175	100	268	WORLD SERV.	USA
BBC	1057-1130	0657-0730	5965 9515	250 250	240 268	WORLD SERV.	USA
BBC	1130-1159:30 (MON-SAT)	0730-0759:30	5965 9515	250 250	240 268	WORLD SERV.	USA
BBC	1130-1159:30 (SUN ONLY)	0730-0759:30	9515	250	268	WORLD SERV.	USA
BBC	1159:30-1457	0759:30-1057	9515	250	268	WORLD SERV.	USA
BBC	1457-1559:30	1057-1159:30	9515 15260	250 100	268 285	WORLD SERV.	USA
BBC	1600-1715	1200-1315	9515 15260	250 250	268 285	WORLD SERV.	USA
BBC	2157:30-2259:30	1757:30-1859:30	9590	250	268	WORLD SERV.	USA
BBC	2259:30-0014:30	1859:30-2014:30	9590 6175	250 100	268 268	WORLD SERV. WORLD SERV.	USA USA
CRI(CHN)	0300-0359	2300-2359	11840	250	189	- - - - -	LATINE AMERICA
CRI(CHN)	0400-0459	0000-0059	11840	250	272	- - - - -	USA
DW	0300-0400	2300-0000	6085	250	277	- - - - -	USA
DW	0400-0559	0000-0159	6085 9535 ~~9700~~	250 250	277 268	- - - - -	USA
DW	1357-1559:30	0957-1159:30	13790	250	227	- - - -	USA
KBS	0957-1029	0557-0629	11715	250	176	- - -	LATINE AMERICA
KBS	1030-1059	0630-0659	11715	250	240	- - -	USA
KBS	1057-1129	0657-0729	6145 9650	250 250	212 240	- - - - - -	USA USA
NHK	0100-0259	2100-2259	5960	250	240	- - - - -	USA
NHK	0357-0559	2357-0159	9725	250	277	- - - - -	USA
NHK	0957-1159	0557-0759	6120	250	268	- - -	USA
NHK	1259:30-1459	0859:30-1059	11705	250	285	- - - -	USA
RMC	0300-0320	2300-2320	5960 9755	250 250	240 240	- - - - - - - - - -	USA USA
ROI(AUT)	0500-0659	0100-0259	6015	250	268	- - - - -	USA
2200-2229:30 (MON-FRI)	Y 11705 11845 15305 13670 5960 9755 11875	25.63 25.33 19.60 21.95 50.34 30.75 25.26	300 100 250 100 250 250 250	240 212 176 176 240 240 240	ENGLISH (CBC)	SOUTH EAST ASIA CAR/LAM/USA CAR. + LAT. AM. USA
2200-2229 (SAT&SUN)	Y 11705 11845 13670 15305 5960 9755 11875	25.63 25.33 21.95 19.60 50.34 30.75 25.26	300 100 100 250 250 250 250	240 212 176 176 240 240 240	ENGLISH (RCI)	SOUTH EAST ASIA CAR/LAM/USA CAR. + LAT. AM. USA
2230-2259 (SAT&SUN)	13670 5960 9755	21.95 50.34 30.75	100 250 250	176 240 240	ENGLISH (RCI)	CAR. + LAT. AM. USA
2230-2259 (MON-FRI)	11845 15305 Y 11705 11875	25.33 19.60 25.63 25.26	100 250 300 250	212 176 240 240	FRENCH (RCI)	CAR/LAM/USA CAR/LAM SOUTH EAST ASIA USA
2230-2259 (SAT&SUN)	11845 15305 Y 11705 11875	25.33 19.60 25.63 25.26	100 250 300 250	212 176 240 240	FRENCH (RCI)	CAR/LAM/USA CAR/LAM SOUTH EAST ASIA USA
2230-2359 (MON-FRI)	13670 5960 9755	21.95 50.34 30.75	100 250 250	176 240 240	ENGLISH (CBC)	CAR. + LAT. AM. USA
2300-2359 (SAT&SUN)	13670 11940 15235 5960 9755	21.95 25.13 19.69 50.34 30.75	100 250 250 250 250	176 176 176 240 240	ENGLISH (CBC)	CAR. + LAT. AM. USA
2330-2359 (MON-FRI)	11940 15235	25.13 19.69	250 250	176 176	SPANISH	CAR. + LAT. AM.

RCI ENGINEERING
24.02.94

ORGANIZATIONS
BBC = BRITISH BROADCASTING CORP.
CRI = CHINA RADIO INTERNATIONAL
DW = DEUTSCHE WELLE, GERMANY
KBS = KOREAN BROADCASTING SYSTEM
NHK = RADIO JAPAN
RMC = RADIO MONTE CARLO
ROI = RADIO AUSTRIA

% : FIRST 1/2 HOUR (TUESDAY THRU SATURDAY [UTC] ONLY)
& : FIRST 1/2 HOUR (TUESDAY THRU SATURDAY [UTC])
AND FULL HOUR (SUNDAY AND MONDAY [UTC])
: MONDAY THRU SATURDAY ONLY
! : ENDS AT 1357 UTC
$: ENDS AT 1529 UTC
* : FIRST 1/2 HOUR (7 DAYS A WEEK)
< : ENDS ON SEPTEMBER 3
> : STARTS ON SEPTEMBER 4
NOTE: - (RCI): "RCI PROGRAMMING"
- (CBC): "CBC DOMESTIC PROGRAMMING"
- (PK): "SPECIAL PROGRAM FOR PEACKEEPERS"

C = CAPE GRECO RELAY, CYPRUS
K = KIMJAE RELAY, KOREA
S = SINES RELAY, PORTUGAL
U = SKELTON RELAY, ENGLAND
V = VIENNA RELAY, AUSTRIA
W = WERTACHTAL RELAY, GERMANY
X = XIAN RELAY, CHINA
Y = YAMATA RELAY, JAPAN

08.03.94 Z94

Elections 1994 – Dominican Republic ... by César Objío

I have just received *DX News* No. 19, February 14, and in IDXD there is a mention of elections in Latin America with some details about them; for instance, in Costa Rica, El Salvador, Panamá, and México. But it seems that there is no in formation about the elections to be held in the Dominican Republic. So here it is.

The date is May 16 (Monday), and the main candidates are Dr. Joaquín Balaguer (actual president of the country and leader of Partido Reformista Social Cristiano/PRSC) who received about 35% of the votes in the 1990 elections; Juan Bosch, ex-president and leader of Partido de la Liberación Dominicana/PLD), about 34% of the votes in the 1990 elections; and Dr. José Francisco Peña Gómez (leader of Partido Revolucionario Dominicano/PRD), about 25% of the votes in the 1990 elections. Yes, we usually have the same candidates for the same parities in every election held here, as it seems as if there are no other men deserving to be presidents of this country, or there seems that those leaders have a very tight control of their parties, not allowing anyone else to be a candidate.

So try to listen on May 16 when there is a possibility that stations will be on the air all night long in a network named "La Voz de la Junta Central Electoral". No independent station ID will be heard, only this one. The leading station will be R. Televisión Dominicana on 620 kHz and satellites all around the country. This lasts for about two or three days. As usual, some stations drop from the network, but they are not allowed to broadcast any other news except repeating those of the Voz de la Junta Central Electoral. They can't even play music; they must either be part of the network or be silent. (National Radio Club DX News, April 11, 1994)

CHANNEL AFRICA
RADIO TELEVISION SERVICES

M94/2 + J94 + S94/1 SEASONS

(via Bill Westenhaver, Montreal)

DEFINITE HIGH FREQUENCY BROADCASTING SCHEDULE
EFFECTIVE FROM 27 MARCH 1994 TO 24 SEPTEMBER 1994

TIME UTC	TARGET AREA	LANGUAGE	FREQUENCIES	ANTENNA
0300 – 0500	EAST & CENTRAL AFRICA	English	+ 5955 kHz (49m) 20°	HRS 2/2/0,5
0300 – 0500	SOUTHERN AFRICA		3220 kHz (90m) 7°	HR 2/1/0,3
0500 – 0700	SOUTHERN AFRICA		5955 kHz (49m) 5°	LP
0500 – 0600	NIGERIA & GHANA		+ 9695 kHz (31m) 335°	HRS 4/4/0,5
0600 – 0700	NIGERIA & GHANA		+ 15220 kHz (19m) 335°	HRS 4/4/0,5
0300 – 0400	INDIAN OCEAN ISLANDS	French	5965 kHz (49m) 76°	LP
0300 – 0600	CENTRAL & WEST AFRICA		7185 kHz (41m) 342°	HRS 4/4/0,5
0500 – 0600	WEST AFRICA		9520 kHz (31m) 330°	HRS 4/5/0,5
0600 – 0700	WEST AFRICA		15130 kHz (19m) 328°	HRS 4/4/0,5
0400 – 0500	SOUTHERN MOCAMBIQUE	Portuguese	3310 kHz (90m) 76°	LP
0400 – 0500	NORTHERN MOCAMBIQUE		5965 kHz (49m) 32°	HRS 4/3/0,5
0500 – 0600	ANGOLA & CAPE VERDE		7270 kHz (41m) 315°	HRS 4/3/0,5
(Sat & Sun) 0900 – 1000	SOUTHERN MOCAMBIQUE	Tsonga	7225 kHz (41m) 76°	LP
1000 – 1100	EAST AFRICA	English	+ 17810 kHz (16m) 19°	HRS 4/3/0,5
(Mon – Fri) 1100 – 1130	SOUTHERN MOCAMBIQUE	Portuguese	5965 kHz (49m) 76°	LP
1100 – 1130	NORTHERN MOCAMBIQUE		15150 kHz (19m) 32°	HRS 4/3/0,5
1100 – 1200	SOUTHERN AFRICA	English	+ 9730 kHz (31m) 20°	HR 2/2/0,5
(Mon – Fri) 1130 – 1200	ANGOLA	Portuguese	15150 kHz (19m) 315°	HRS 4/4/0,5
1400 – 1700	EAST & CENTRAL AFRICA	Swahili	11900 kHz (25m) 19°	HRS 4/3/0,5
1500 – 1800	CAPRIVI & ZAMBIA	Lozi	5955 kHz (49m) 320°	LP
1500 – 1800	MALAWI, ZAMBIA, MOCAMBIQUE ZIMBABWE	Chi-Chewa	6120 kHz (49m) 7°	HR 2/1/0,3
1500 – 1800	SOUTHERN AFRICA EAST & CENTRAL AFRICA	English	4945 kHz (60m) 7°	HR 2/1/0,3
1500 – 1800	WEST AFRICA		+11770 kHz (25m) 320°	HRS 4/4/0,5
1800 – 2000	CENTRAL, WEST & NORTH AFRICA	French	9550 kHz (31m) 328°	HRS 4/3/0,5
			7225 kHz (41m) 328°	HRS 4/3/0,5
1900 – 2000	MOCAMBIQUE	Portuguese	3310 kHz (90m) 76°	LP
2000 – 2100	ANGOLA & CAPE VERDE		7225 kHz (41m) 315°	HRS 4/3/0,5

+ Indicates 500 kW
LP : 100 kW
Others 250 kW

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Radio Miami International

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Fax (305) 267-9253

SUBJECT: Radio Miami News - April 1994

Due to standard frequency and time changes taking place on March 27 and April 3, there will be several changes to RMI's schedule. The following is our new schedule, effective April 3, 1994:

TRANSMISSIONS OF RADIO MIAMI INTERNATIONAL VIA KWHR, WHRI AND WRNO:

UTC TIME	UTC DAYS	LANGUAGE	STN	FREQUENCY
0000-0500	Tues-Sun	Spanish	WHRI	9495 kHz
0000-0030	Monday	Spanish	WRNO	7355
0800-0900	Mon-Fri	Spanish	WHRI	7355
1000-1300	Mon-Sat	Spanish	WHRI	9850
1400-1430	Mon-Sun	Vietnamese	KWHR	9930
2100-2200	Mon-Fri	Creole	WHRI	9485
2200-2300	Mon-Fri	Creole	WRNO	15420
2300-0000	Mon-Fri	Spanish	WHRI	9495

SCHEDULE FOR HRJA - RADIO COPAN INTERNATIONAL (Radio Miami's sister station in Tegucigalpa, Honduras). Radio Copan broadcasts with 1000 watts of power to the Northern Caribbean and Eastern North America:

UTC TIME	UTC DAYS	LANGUAGES	STN	FREQUENCY
1400-1500	Mon-Sat	Spanish/English	HRJA	15675 kHz
1800-0000	Sunday	Spanish/English	HRJA	15675
1900-2300	Tues, Fri	Spanish/English	HRJA	15675
2000-2300	Mon, Wed, Thurs	Spanish/English	HRJA	15675
2000-2200	Saturday	Spanish/English	HRJA	15675

Radio Copan's standard program format is a mixture of Latin American music and short features in Spanish and English about Honduras, Latin America, and Mayan culture. In addition, there are several regularly-scheduled longer programs in both Spanish and English, including:

UTC DAYS	UTC TIME	PROGRAM
Mon-Fri	2200-2215	Truth For Living - religious program (English)
Mon-Fri	2230-2245	Radio Copan Mailbag - with Jeff White (English)
Mon-Wed	2330-0000	La Voz de la Junta Patriotica Cubana (Spanish)
Fri-Sat	2330-0000	La Voz de la Junta Patriotica Cubana (Spanish)
Tues, Fri	1900-2000	La Voz de los Educadores Cubanos (Spanish)
Saturday	2100-2130	Radio Roquero - con Victor Garcia Rivera (Spanish)
Sunday	1800-1900	Crenshaw & Company - talk show (English)
Sunday	2000-2100	La Voz del Veterano - (Spanish)
Sunday	2200-2230	These Last Days - religious program (English)
Sunday	2230-2300	The Final Crisis - hosted by Orlando Stuart (Eng)

Radio Miami is currently selling airtime on Radio Copan International for US$1.00 per minute; $12.50 for 15 minutes; $25.00 for 30 minutes; and $50.00 per hour. Substantial discounts are available for weekly or daily programs. Contact Jeff White at Radio Miami for further details.

SCHEDULE FOR WRMI - MIAMI, FLORIDA, USA: As of late March, WRMI was conducting test broadcasts irregularly on 9955 kHz with 500 watts of power. As of early April, WRMI is expected to be on with full power (50,000 watts) on 9955 kHz with test transmissions. Regular transmissions should begin later during April. The exact schedule has not been determined yet, but we expect it to be approximately 2100-0500 UTC and 0900-1300 UTC daily. The primary target area is Latin America. Programming will be in English, Spanish and other languages.

See pages 34-35 for WRMI update!

South Africa's best reception in North America during English seems to be 0500-0600 on 9695.

Date: Thu, 3 Mar 1994 16:12:00 EST
Sender: Short Wave Listener's List <SWL$LZCUVMB.BITNET@uga.cc.uga.EDU>
From: Jonathan P Marks <0003382983@MCIMAIL.COM>
Subject: On Target On Line Summer 94

(via Will Martin, MO)

Towards On Target

Our full colour listeners' Newsletter containing an overview of all our programmes is normally sent out twice a year in March & September. For production reasons it is printed and distributed through Radio Netherlands' office in Costa Rica. By the time you receive the next printed edition of "On Target", new goals will have been set for Europe's first international broadcaster. While we are waiting for the announcement in April we have released these plans through INTERNET for the summer period, effective March 27th. Please note that decisions yet to be taken may affect the plans presented here. Listen for announcements.

You Listen to Us, Because We Listen to You!

The global media landscape is changing very rapidly. During the last six months the Radio Netherlands Board of Governors and the interim managing director, Bart Gribnau, have been defining a new role for Holland's external broadcasting service. "This station is financed from public funds" says Gribnau "so it is only natural that a review is taking place to ensure the station is making best use of its resources. Programmes will always be at the heart of our operation. But the way we get those programmes to listeners is changing much faster than anyone could have predicted five years ago."

It is clear that Radio Netherlands will go through some dramatic internal changes over the next year. All this will ensure that we can improve the quality of the programmes and maintain a competitive edge against other international broadcasters. Bart Gribnau believes that the key to our continued success is flexibility. "The changing political climate, as well as the growth of video and television, means that there are new challenges for international radio. We need to consider how programmes will change as a result of more local stations using our satellite-fed programmes and the mid-term introduction of Digital Audio Broadcasting. We have to maintain quality. To do so we will have to concentrate our efforts. This will mean we will have to choose between serving some targets well, or not at all. There has been a lot of theory put forward at recent broadcasting conferences. Now we're going to put some of it into practice".

Decisions are being made carefully and listener input has been essential to the process. In the course of 1993, detailed questionnaires were sent to around 2000 listeners who regularly listen to Radio Netherlands' English language programmes. The response was very high and has enabled us to get a clear profile of the people who tune into our programmes, the kind of information they are looking for and the best listening times. Yvonne van den Brand of Radio Netherlands Research department, who processed the results, notes that the changes made in the transmission schedule in 1991 are clearly having an effect. "People are listening considerably longer to our programmes than during the last survey, often more than an hour a day" explains Yvonne. "The African audience, in particular, tunes into a wide variety of programmes. Of course, there are traditional favourites like Happy Station, Media Network or Research File. But we were pleased to note that the documentaries have been popular too, especially in Africa and North America."

1994 Programme Line-Up

All times listed in this schedule are in UTC (the same as Greenwich Mean Time) and the days are also linked to the UTC clock. Listeners in North America will find that broadcasts listed as early Monday morning UTC are in fact Sunday evening in their part of the world and so on throughout the week. The first and second hours carry different feature programmes. If there is a third hour, then it carries the same feature programme as in the first hour. This gives you a greater number of chances to tune in our station, hear favourite programmes and perhaps sample new ones. Check the "At a Glance" programme table for full details on what goes out and when. Listeners in Europe should note that we can now be heard three times a day at 0130, 0930, and 1630 UTC in "studio quality" on the Astra 1B satellite, transponder 22 (11.538 GHz vertical), at subcarrier 7.74 MHz as part of the "World Radio Network". We are always interested in reaction on this satellite service.

Each transmission segment starts with a bulletin of news. From Monday - Saturday inclusive, the news is followed by RNewslineS, a 14 minute review of current events. The programme features on-the-spot correspondents' reports, interviews, and commentaries by our own in-house specialists. The "Newsline" team includes

Ginger da Silva, James Kliphuis, Rene Postma, Eric Beauchemin, Robert Green, Harry Kliphuis, Marijke van der Meer, Hlne Michaud and Luc Lucas.

Special editions for Africa (aired at 1737, 1837 & 1937 UTC) are prepared by Jimmy Ocitti. At 1337, 1437, & 1537 UTC you can hear a Newsline edition with Mark Gregory specially catered to the interests of listeners in Asia.

NEWSLINE SPECIALS

In connection with the "UN Year of the Family", we'll be presenting a series of five 14-minute weekend Newsline specials, one a month through the summer, beginning the first week in May. These programmes will examine the political and economic aspects of family-related issues, focusing specifically on the Netherlands. They will also be drawing comparisons, where appropriate, with other European countries. Sociologists, social workers, care givers, teachers and government officials will fill out the picture. Here are the Newsline specials to look for;

Marriage And Divorce (May 7/9) The incidence of divorce in Europe has always been lower than in North America, but the trend is growing here. What are the implications of more divided families and single parents, for example in welfare costs and in education?

The Working Mother (June 4/6) Not so long ago The Netherlands had among the lowest proportion of working mothers in Europe. That is rapidly changing and not just because of the higher divorce rate. What has been the response by government and by the private sector to the growing need for day-care?

Education For The Future (July 2/4) Europe has been struggling with recession and a dramatically shrinking job market. How job-oriented is education in The Netherlands, with its MAVO/HAVO/VWO streaming? How good are job prospects for a young graduate? A new system - Basis Forming - has just been introduced into the high school system, but does it address the need, or is educational reform always several steps behind the latest problem?

Care Of The Aging (Aug. 6/8) Governments are cutting back but people are living longer and requiring more expensive care. Families are expected to pick up the slack, but can they really cope?

Immigrant Families/Dutch Families (Sept.3/5) How close and coherent is the average Dutch family compared with the average immigrant family? Is it even possible to generalise? How alike or different are their perceptions of the major pressures on family life? We try to provide some answers.

After the current affairs presentation, half-hour feature programmes follow. Browse through this list. Note the times given. For details of the frequencies and target areas served, refer to the "At a Glance" table on Page 8.

Main Features On The Air

Science: "Research File". Through cosmology and creation, mainstream or alternative medicine, psychology and parapsychology, Research File heads for its seventh year with more surprises, questions and stories from the world of science. Interpreting and investigating the dogma and the jargon, Research File's producer and presenter Anne Blair Gould, keeps society in touch with science - and the scientists in touch with everyone else. Science specials this season include "Statistics" - 4th/7th April - do we really understand scientific facts and figures?; "The Office of The Future?" 25th/28th April - a peep into the environmentally-friendly, high-tech, sociologically aware workplace to come... The Sounds of Whales and Dolphins - 16th/19th May- unique recordings of whales communicating over hundreds of miles of ocean and startling evidence that the noise we make may upset Dolphins... "The Moon Programme" - 18th/21st July - celebrating 25 years since the first man on the moon; "The Population Programme" 13th/16th June - more babies, more elderly, better health care - but how do we cope? Research File puts science and technology into an everyday perspective. Monday: 0750, 0950, 1150, 1350, 1550, 1750, 1950. Tuesday: 0050, 0250, 0350. Thursday: 0850, 1250, 1450, 1850, 2350. Friday: 0150.

Business: "Let's Get to Business". Barry O' Dwyer investigates the business world, without the bother of the financial indices! Monday: 0850, 1050,1250, 1450, 1850, 2350.

Serious Music & More: On March 28th we will start a new season of CDutch, hosted by Harry Kliphuis. This programme examines recent releases on compact disc in the serious music field. Half way through the season, on July 4th, Robert Green takes over for another in the popular series "From Sapphire to Laser". Robert takes an issue and illustrates how well (or sometimes how badly) composers have tried to tackle the subject. If you like classical music, both these programmes should be in your programme diary. Monday: 0905, 1105, 1505, 1905, Tuesday: 0005.

Culture: Last season, we increased our coverage of Dutch and European Festivals covering all aspects of the arts and this season we'll cover even

more. "Mirror Images" hosted by David Swatling, is our weekly arts magazine. You don't have to be a "culture vulture" to enjoy the lively mix of music and conversation with artists covering a wide range of topics both popular and alternative, classical and modern. Whether they're filmmakers or writers, musicians or painters, actors or dancers...their creativity reflects the world around us! In March, Lisbon begins its tenure as Cultural Capital of Europe 1994, so we'll kick off the summer season with a special edition of Film Frontiers talking to filmmakers from Portugal.

Elections in South Africa will be making headlines in April, so we'll be talking to South African artists about how the changing political climate in that country has affected their work. One of the most important events on the European arts calendar is Prague Spring Music Festival in May. Mirror Images plans to be there this year to check out the latest trends in the classical music scene.

In June, it's back home for the Holland Festival- the yearly celebration of international music, dance and theatre in the stylish venues of Amsterdam's Concertgebouw, Muziek theatre and Stadsschouwburg. "Taking It Outside" will be our theme for this season as we travel around The Netherlands looking for exciting performances and installations in a variety of outdoor locations. Whether it's "All Around The Light-House On The Island Of Terschelling", pop concerts on the beach at Zandvoort or Shakespeare in the woods near Arnhem, we'll be there "Rain Or Shine"!

September always begins with the Early Music Festival in Utrecht, where historic churches make the ideal setting, aesthetically and acoustically, for innumerable concerts recorded by our own, expert Radio Netherlands crew using the latest digital technology. Join us for a weekly mix of music, interviews and features from Holland and other European capitals! Tuesday: 0750, 0950, 1150, 1450, 1850. Wednesday: 0050, 0250, 0350.

Communications: Media Network. This show covers what is now the largest industry in the world. If you're interested in what goes on behind the scenes in broadcasting, don't miss this award-winning programme. Jonathan Marks hosts this weekly survey of communication developments compiled with the assistance of over 175 regular monitors across the globe. Regular contributors include Arthur Cushen, Victor Goonetilleke, Dave Rosenthal, Lou Josephs, Jim Cutler, Mike Bird and Andy Sennitt. The programme offers unrivalled coverage of the media developments linked to current events as well as full-length documentary features. Input on the output is always welcome. Thursday: 0150, 0750, 0950, 1150, 1350, 1550, 1750, 1950. Friday: 0050, 0250, 0350.

Regional magazine programmes have always been part of our output. Take award-winning "Airtime Africa"; This is the programme for everyone interested in African affairs. Producer Veronica Wilson presents topical reports from correspondents across Africa and covers events in Europe that influence Africa's development. Includes regular features such as "Media Echoes". Friday 1850, Saturday 1750, 1950.. Carl Josephs now hosts a similar show called "Accent on Asia" where the focus is on the South Asian and events in Europe with an Asian connection.:Tuesday: 0150, 0850, 1050, 1250, 1350, 1550, 1750, 1950, 2350.

Sport: "Bats, Balls & Baselines" - Radio Netherlands' look at the international world of sport. The programme literally kicks off the new season with coverage in early April of the African Football Cup finals in Tunisia. Of special interest will be the involvement of PSV Eindhoven player and Zambian-born Kalusha Bwalya, a man generally credited with rebuilding the Zambian national team after 18 players were killed in an aircrash only a year earlier. Will his experience of playing in the Dutch football league influence the tournament's outcome? April 23rd sees extensive coverage of the 14th edition of the internationally-respected Rotterdam City Marathon. With 10, 000 runners, Europe's largest port has spent US$600.000 to attract a top international field.

On May 28th we head over to Bloemendaal, which is to host the men's and women's hockey Eurocup. Starting the weekend of June 17th are the football World Cup Finals in the United States. Bats, Balls & Baselines will take a step backwards to profile what's going on behind-the-scenes - from Holland's referees and linesmen out there in the heat of an American summer; to joining a group of Dutch supporters back home in an Amsterdam bar during live television coverage of a match involving coach Dick Advocaat's powerful squad. And with the world going football crazy for a month, exactly what effect is the tournament having on other sports trying to draw in the crowds? The programme investigates Holland's obsession with cycling. This country often does well in the Tour de France cycle race, which begins its three-week run on July 2nd. We'll profile our leading riders, and dip behind the scenes to talk with an all-important character: a cycle builder.

Throughout the summer (at least here in the Northern Hemisphere), Bats, Balls & Baselines will continue its successful mix of profiles, investigations, write-in quizzes and offbeat news items. And watch out for a unique successor to the "A-Z Of Sport" when it finishes its run in mid-May. It's called "Holland's Sporting Hall of Fame", a sort of radio version of Madame Tussauds' - each week looking at the achievements of Dutch sports stars past and present. The programme is presented by Howard Shannon. Friday: 1750, 1950. Saturday: 0250, 0850, 1050, 1250, 1450, 2350.

Listener Feedback: Sounds Interesting is different as it puts the listener the spotlight. Robert Chesal has developed the fine art of busting rusty clich s about Holland. If you have an idea which you think sounds interesting, include your phone number when you write. Alternatively, leave a comment on our 24 hour listener answer line. Dial the international exchange code (e.g. 011 in the USA & Canada, 00 in Germany), followed by 31 for Holland, 35 which is the area code for Hilversum, then the subscriber number 724222. Robert also researches a number of features each week to get you thinking about a variety of topics.

"Roads and Rivers, Rails and Runways: Transport in The Netherlands". For a densely populated country like The Netherlands, a smooth-running transportation network is crucial. It not only has to move people to and from work, but it is also vital for transporting cargo from storage place to waiting customers--in Holland's case, these are the major industries of Europe.

Holland is a gateway to Europe, with its huge seaport in Rotterdam, Amsterdam's busy Schiphol airport and growing rail and road networks linked to big industrial centres like Germany's Ruhr. An efficient transport system is needed for Holland's storage and distribution sector and for the country's economic survival. New railways and an airport expansion are planned, but many people fear that more transport will bring noise, safety hazards, pollution and destruction of Holland's rural landscape. The memory of the crash of the El Al cargo plane in the Southern part of Amsterdam in October '92 is still fresh in many peoples' mind.

On the first weekend of every month in our summer season, "Roads and Rivers, Rails and Runways" examines Holland's car, train, waterway and air traffic networks, and how these inter act. For fun, we also investigate transport-related hobbies like model cars, trains, airplanes and even rockets! For these and other features, don't miss Sounds Interesting: Saturday: 0750, 0950, 1150, 1350, 1550, 1850. Sunday: 0050, 0350.

"Towards 2000" is Radio Netherlands weekly program on social change around the globe. From asylum-seekers in this part of Europe to South African drama abroad, our guests offer an international perspective on major AND minor events. Coming up..... in the month of June: special attention for those who can't speak for themselves - Babies And Animals in society. That's guaranteed to be noisy edition of the programme! In September: there's nothing new about army camps and brothels, so with UN troops stationed around the world, it's time to look at Peace-Keeping And Prostitution. "Towards 2000" airs Friday: 0750, 0950, 1150,1350, 1550. Saturday: 0050, 0350.

"East of Edam". Dheera Sujan and Maggie Ayre have made their mark on the international broadcasting scene with a lively mixture of off-beat interviews, music and a touch of humour. Planned features this summer include an in depth exploration of the city with the biggest harbour in the world. Every nook and cranny of Rotterdam's day and night life will be investigated in the show's own inimitable way.

Also on the agenda is "Ferry across the...." no, not the Mersey, but the North Sea. The various ferry crossings between Holland and Britain are infamous for being floating parties. Live Las Vegas-style entertainment, on board romances between passengers, too much alcohol and bizarre games between Holland, Britain and Germany or whoever makes up the bulk of passenger nationality - are just some of the weird goings on during just 9 hours on the ocean wave. "East of Edam" will be making that voyage and asking if this is all going to disappear with the opening of the Channel Tunnel.

In the feature "Women in Film" - Maggie Ayre and Dheera Sujan will be looking at the image of women in the movies, how they're portrayed, what kind of roles are they given and what they do behind the camera too. How does the situation compare in Holland and Britain with say India and the U.S.A.? Later on in the year, Maggie will be making a solo voyage over the North Sea from the Lowlands to the Highlands of her native Scotland to discover the links between the two countries in trade, language, music and culture.Sunday: 0235, 0835, 1035, 1235, 1435, 1835, 2335. Monday 0135.

Focus in Depth

Documentaries: By popular demand, we're keeping this programme slot open for in-depth treatment of one subject or a short series. This season covers a wide range of issues. Note that all documentaries get their first airing on Wednesday with repeats on the following Friday and Saturday. Here are some of the topics you can expect to hear.

To kick off the new season, the Wednesday documentary returns to rump Yugoslavia, where two years of U.N. sanctions have caused hyperinflation comparable to the Weimar Republic's and have left 90% of people below the poverty line. The following week, a look at the situation in neighbouring Montenegro, the only; other republic to have remained in the Yugoslav Federation.

Then we head south to cover what will undoubtedly be one of this year's most important events: the first non-racial elections in South Africa. For three weeks, starting April 13, the Wednesday documentary, as well as other Radio Netherlands programs, will examine a variety of issues, including how people feel about changes in their country; how young blacks, who were at the forefront of the struggle against apartheid, see their future; portraits of some anti-apartheid campaigners who spent years in exile and have now returned home to build a new society.

Growing Up is the title of a two-part documentary series started on May 4. Despite what some call Ran easy life,S teenagers today are faced with pressures and responsibilities different than those of their parents at the same age: A world of Rinstant information,S continually changing technology, changing family structures, openness regarding sexual issues, the spectre of AIDS, easy access to drugs, precarious world stability are among the challenges. This documentary, produced by Rina Miller, will focus primarily upon teens from a variety of backgrounds, who express their concerns and opinions; a child psychologist will supply an overview of how teens are coping -- or not coping in the 1990s.

"Parenting" gets its first airing on May 11. Teenagers of the 60s and 70s, the architects of a freer society, are now parents themselves. How are they dealing with their teenagers under the rules they helped to create? Do they hear echoes of their own parents coming back to haunt them? And is what was good for them also the right approach for their kids? WhatUs different about raising kids now compared to a bygone era? Rina Miller examines families in Holland where both partners have to work, and the role of single parents.

On August 3rd, the documentary is entitled "...Yours, Anne". 1994 marks the 50th anniversary of the writing of Anne Frank's diary, the world's best-selling autobiography. Robert Chesal and David Swatling will take you to the house in Amsterdam where 13 year-old Anne, her family, and four others were hidden from the Nazi's for two years, now a landmark museum. And they'll talk to authors who have been inspired by Anne Frank's writing... "I want to go on living even after my death!"...making her wish come true.

In September we start a series of documentaries which will run into the winter 94/95 season. They concern the 50th anniversary since the end of the Second World War. The theme in September is "Then and Now", a look at three Dutch cites in 1944 and 1994. On September 7th the focus is on Arnhem in the East of The Netherlands. In the second week of the month, the Dutch Defence Ministry is planning a week-long commemoration of "Operation Market Garden. -- The "Slag om Arnhem". The landing of allied paratroops will be reconstructed by the Dutch Airforce on September 11 and over 75.000 people are expected to watch the landing. The documentary of September 7th previews the event and looks at Arnhem today. On September 14th we profile Maastricht, exactly fifty years after liberation from the Nazis. Then on September 21st Eindhoven is the focus, former home to a liberation radio station and the headquarters of the Philips concern. The documentaries listed above are broadcast Wednesday: 0750, 0950, 1150, 1350, 1550, 1750, 1950: Thursday: 0050, 0250, 0350. Friday: 0850, 1050, 1250, 1450, 2350, Saturday: 0150.

Encore! This is a general title for a wide variety of features, most of which have been aired earlier. On May 4th, there's a second chance to hear "Children Without Dreams", the first in a two-part series on child labor in the subcontinent. It's estimated that over 100 million children - some as young as 5 - work in the subcontinent, often in deplorable conditions. Eric Beauchemin speaks to some of these children as well as to organizations fighting to eliminate child labour. On May 18th we look at AIDS in South Asia and the information gap that clearly exists. As from June 1st we'll be broadcasting "A Future From The Past...The Holland Festival". What sort of relevance does a major festival of the arts running through an entire month of concerts, recitals, opera, film, theatre and dance have in the nineties? This six part series, compiled by Nevil Gray, will try to answer these questions in discussions with all six past Directors of the annual Holland Festival of the Arts. More details are given on the air. Listen for announcements. Wednesday: 0150, 0850, 1050, 1250, 1450, 1850, 2350.

Entertainment: On the "Happy Station" in the summer of '94, Pete Myers will be celebrating the Family. As this is the International year of the Family, he will be looking at various aspects of family life in the Netherlands and launching a competition with fabulous prizes for listeners essays on the role of the Family in their culture and society. Pete has also launched a new interactive spot on the show. It is called "The Classical Fantasy" in which listeners choose a piece of classical music and relate the fantasy they associate with the music. From time to time he will be joined on the show by Jonathan Groubert. That double act has proved to be very popular with listeners.

When you next write to Happy Station, remember to include your phone number (including the area code). You can either react to the topics suggested on the air, or suggest new subjects. Pete regularly sifts through the mail to select interesting listeners to surprise. Coupled with "East of Edam", Radio Netherlands offers you a great package of entertainment every week. Sunday: 0135, 0735, 0935, 1135, 1335, 1535, 1735, 1935. Monday: 0035, 0235, 0335.

Input on the Output: We care about your comments. That's why we've opened as many channels of communication for you to get back to us. You can send electronic messages concerning our English programmes through FIDONET, Internet and Compuserve. Just route the message via MCI Mail to Jonathan Marks, account number 338-2983. You can phone the Radio Netherlands answerline on +31 35 724222 (24 hrs a day). We also welcome your letters sent to English Section, Radio Netherlands, P.O. Box 222, 1200 JG Hilversum, The Netherlands. You can also fax us on +31 35 724352, but please mark the fax for the attention of the English Department. If you live in the Indian Subcontinent, you may find it more convenient to write to us at: English Section, Radio Netherlands, P.O. Box 5257, Chanakya Puri Post Office, New Delhi, postal code 110021, India. Your letters are then forwarded to us in Hilversum every three weeks.

Summer Transmission Schedule
Effective March 27th 1994

UTC	Frequencies (kHz)	Target
0030	D12025, D9860	South Asia
0130	D12025, D9860 + ASTRA	South Asia
0230	D12025, D9860	South Asia
0730	~~B9810~~, B9630	Pacific-B9720
0830	~~B9810~~, (+F5955 for Europe)	Pacific
0930	I15470, P12065, B9810, ~~B9715~~ (+F5955, F9895 & ASTRA for Europe)	Far East & Pacific
1030	I15470, P12065	Far East & S.E. Asia
1130	F9650, F5955	Europe
1230	F9650, F5955	Europe
1330	M15150, F13700, M9890	South Asia
1430	M15150, F13700, M9890	South Asia
1530	M15150, F13700, M9890 (+ F5955 for Europe)	South Asia
1730	B21590, B17655, M7120, M6020	South, East & West Africa
1830	B21590, B17655, M7120, M6020	South, East & West Africa
1930	B17655, B17605	West Africa
2330	B6165, F6020	North America
0030	~~M11655~~, B$9840, B6165, F6020	North America
0330	B9590, B6165	North America

Key to transmitter locations: F= Flevoland, M=Madagascar relay, B=Bonaire relay station, D= Dushanbe, I=Irkutsk, P=Petropavlovsk Kamchatski. $= AM-compatible USB

Takayuki Inoue Nozaki, Relámpago DX, March via Radio Nuevo Mundo

MONITOREO DE ENERO/FEBRERO/MARZO

=ARGENTINA=

6060.00 Radio Nacional, Buenos Aires; is currently broadcasting for 24 hours a day.
6100.-- Radio Provincia, Santa Cruz; has left off its SW operation several years ago.
6160.68 Radio Maralgüe; SKED: 1000-0400 daily. They use homebrew transmitter which was made by Don Hector Lucero Florencio (the station founder/Jefe técnico) in 1966, and its output power is 500W.
6180.04 Radio Nacional, Mendoza; The SW outlet (LRA34) was reactivated in the middle of November 1993 after four years'silent. (ex-6179.8kHz). As of March 1994, after the experimental transmission, it runs for 24 hours a day, using old "Philips" brand transmitter with only 1kW (nominal output power is 5kW). This information was offered from Juan Fernandez (Jefe del Departamento Técnico).
9690.00 Radio Nacional, Buenos Aires; is temporally off the air due to a technical problem.
11781.2 Radio Libertad, Buenos Aires; left off its SW operation (LRY2) on 25mb, in December 1991. The ownership of the SW transmitters (6090kHz & 11780kHz) was returned to the Argentine Government. So there is no chance to hear this station on SW frequencies.

=BRASIL=

2379.90 Rádio Educadora, Limeira; is seemingly inactive.
2409.90 Rádio Transamazônica, Senador Guiomard; is seemingly inactive. (see RPDXL No.023).
2420.00 Rádio São Carlos, São Carlos; SKED: 0900-0300.
2460.03 Rádio Alvorada, Rio Branco; SKED: 0900-1100 & 2200-0200. According to Tony Jones'monitor, the SW transmitter has been operated for 24 hours in February, as same as its MW outlet.
2470.00 Rádio Cacique, Sorocabo; has been inactive for several years.
2490.78 Rádio Oito de Setembro, Descalvado; SKED: 0900-0100. Usually strong signal.
3205.00 Rádio Vale do Rio Madeira, Humaitá; has been inactive for several years.
3205.03 Rádio Ribeirão Preto; SKED: 0700-0400. Usually strong signal.
3235.00 Rádio Clube de Marília; Duaring my stay in Brasil, unfortunately it was not heard, but as sometimes this ZY station has been audible in USA and Europe (not in Japan), I presumed they are operating on SW irregularly.
3244.98 Rádio Clube de Varginha; 0130-0210* gorgeous signal over 9+40dB, on 29/01/94 (noticed in São Paulo). religious px "Madrugada de Fe". At 0201 confirmed full ID "Esta é ZYL238 ondas médias 1210kHz, ZYG203 90 metros ondas tropicais 3245kHz. Esta é a Sociedade Rádio Clube de Varginha Limitada, Mandando para você MADRUGADA DE FE pelas as ondas desta emissora abençoada e agora 2 e 1, nos estamos no final do programa. Queremos agrader a todos que estiveram ligados, a todos que nos estiveram ouvindo até agora às 2 horas, e que Deus abenço a cada um receba a porção dobrada daquilo que Deus tem para todos vocês, agradecendo ao grupo ...." and then oração de Pastor José Valim. s/off at 0210 (ex-0300).
3255.10 Rádio Educadora Cariri, Crato; has not been audible during my stay in Brasil.
3285.00 Rádio Sentinela da Amazônia; Obidos; is seemingly inactive.
3325.01 Rádio Difusora de São Paulo; SKED: 0600-2400.
3325.2V Rádio Liberal, Belém; is seemingly inactive.
3365.01 Rádio Cultura Araraquara; 0330-0409 vyg on 29/01/94 (in São Paulo). Non stop pops in EE, at 0355 local advs, then full canned ID as "ZYK546 AM 790kHz, ZYG855 onda tropical 3365kHz faixa de 90 metros, Emissora da Rádio Cultura Araraquara Limitada, Estado de São Paulo, Brasil." Exact SKED is unknown, but sometimes it runs for 24h.
3374.80 Rádio Clube de Dourados; The SW outlet name was changed from "Rádio Dourados". SKED:24h. This station affiliates to "Rádio Lider FM" Network (HQ in São Paulo), relaying its music programs via satelite system. Local programs are on the air at 0800-1000, 1600-1700 & 2200-0400. According to Tony Jones' monitor, it seems this SW outlet was reactivated in the middle of February 1994.
3374.93 Rádio Nacional de São Gabriel da Cachoeira; SKED: 0800-0200. Its maximum power is 10kW, but actually they are operating with 1kW.
3375.02 Rádio Educadora, Guajará Mirim; SKED: 0930-1200 & 2030-2200 (Sun-1600).
3375.00 Rádio Equatorial, Macapá; is seemingly inactive.
3384.90 Rádio Educação Rural, Tefé; has not been audible during my stay in Brasil.
3400.8V Rádio Educadora 6 de Agosto, Xapuri; has not been audible in recent years, and it seems to be off the air.
3560.4V Rádio Difusora de Brasiléia; drifted from 3569.9VkHz. It has been drifting between 3560.36 & 3560.46kHz due to insettled cristal. SKED: 1000-0400 (Sun 1100-0300). (cf. RPDXL No.023).
4118.V Rádio Difusora, Sena Madureira; is seemingly inactive, or it may run very occasionally.
4753.80 Rádio Difusora do Maranhão, São Luis; may be active. SKED: unknown.
4755.00 Rádio Educação Rural, Campo Grande; SKED: 0800-0400 (Sun 0900-0400).
4764.96 Rádio Integração, Cruzeiro do Sul; SKED: 0900-0300.
4765.00 Rádio Emissora Rural, Santarém; may be active, but it has not been audible during my stay in Brasil, due to heavy QRM of Rádio Integração.
4775.00 Rádio Amarela, Rolim de Moura; has been off the air for several years.
4775.00 Rádio Portal da Amazônia, Cuiaba; As of March, this ZY station has been off the air due to techincal question. SKED: 0800-1700 (rebroadcast of Rádio A Voz do Oeste), 1700-0400 (own programs for rural listeners).
4775.02 Rádio Difusora Congonhas; SKED: 0800-0100.
4785.00 Rádio Brasil, Campinas; SKED: 0800-0200.
4785.00 Rádio Ribamar, São Luis; has been off the air for several years.
4785.00 Rádio Caiari, Porto Velho; is still inactive due to techical problem (cf. RPDXL No.023).
4795.02 Rádio Difusora de Aquidauana; SKED: 0355-2400
4805.00 Rádio Difusora do Amazonas, Manaus; SKED: 0900-0300
4805.00 Rádio Itatiaia, Belo Horizonte; According to a report from Dario Monferini (news source: PLAY DX No.770 26/DEC/93), its SW outlets (4805 & 5970kHz) are active. SKED: (s/on?)-1900.
4815.00 Rádio Cabocla, Tabatinga; is probably inactive.
4814.94 Rádio Difusora, Londorina; SKED: 0800-0355 (Sun 0900-).
4825.00 Rádio Canção Nova, Cachoeira Paulista; SKED: 24h.
4825.00 Rádio Educadora, Bragança; Due to heavy QRM from Rádio Canção Nova, I couldn't hear thisstation.
4835.00 Rádio Atalaia, Corumbá; has been off the air for a long time.
4844.98 Rádio Meteorologia Paulista; SKED: 0800-(s/off?).
4845.20 Rádio Cabocla, Manaus; SKED: 1000-(s/off?).
4854.98 Rádio Tropical; SKED: 0900-0200.
4855.00 Rádio Por Um Mundo Melhor; is seemingly inactive.
4865.00 Rádio Sociedade, Feira de Santana; is seemingly inactive.
4865.V- Rádio Verdes Florestas, Cruzeiro do Sul; has been off the air since 1 year ago.
4865.00 Rádio Alvorada, Londrina; SKED: 0800-0300.
4875.00 Super Rádio Roraima, Boa Vista; SKED: 0900-0300.
4885.00 Rádio Clube do Pará, Belém; SKED: 24h.
4885.00 Rádio Carajá, Anápolis; SKED: 0800-1200 & 2000-0300.
4885.05 Rádio Difusora Acreana, Rio Branco; SKED: 0755-0200 (Sat-0400/Sun-0300).
4894.98 Rádio IPB AM estéreo, Campo Grande; SKED: 24h.
4895.00 Rádio Baré, Manaus; Due to heavy QRM from Rádio IPB AM estéreo, I could not hear this ZY station. But it may be active (cf. RPDXL No.023).
4904.V- Rádio Relogio Federal; has been audible very irregularly with poor modulation. Drifting between 4902 & 4908kHz.
4905.00 Rádio Anhanguera-Araguaina; is currently inactive due to a technical problem.
4915.02 Rádio Anhanguera, Goiânia; SKED: 0800-0030 (0900-1100/1400-1900 different pxs only on this channel "Rádio Anhanguera Onda Tropical" for rural listeners).
4925.00 Rádio Difusora, Taubate; is currently inactive due to a technical problem.
4934.98 Rádio Capixaba; 0410 f on 29/01/94 (in São Paulo). wellkonown religious px of Igleja Pentecostal Deus é Amor "A Voz da Libertação" was heard. At 0412 canned full ID "Emissoras brasileiras da Rádio Capixaba, ondas médias ZYI203 1050kHz, ondas tropicais ZYF641 4935kHz faixa de 60 metros, Rádio Capixaba, Vitória, Espirito Santo, Brasil." SKED: 24h.
4935.00 Rádio Difusora de Jataí; SKED: 0900-1300 & 1900-2200.
4944.91 Rádio Difusora, Poços de Caldas; 0010-0100* f on 30/01/94. px "No Silencio da Noite" was composed of local pops & OM tlk show. At 0058 closing announcement was heard: "Nos estamos chegando ao final do NO SILENCIO DA NOITE, agradecendo a seleção musical de Antônio Geraldo Cuneto, trablhos técnicos de José Orlando de Aguiar, tão querido e popular Chevo a comunicação carinhosa de Vilmar Garcia ... Emissoras Brasileiras da Rádio Difusora de Poços de Caldas Limitada, ondas tropicais ZYG201 4945kHz faixa de 60 metros, ondas médias ZYG282 1250kHz. Emissora afiliada a Associação Brasileira de Rádio é Televisão, Rádio Difusora de Poços de Caldas Limitada, Rede Mitom Reis de Comunicação Minas Gerais." It seemed the SW outlet has been operated only on the weekend.
4945.00 Rádio Progresso, Porto Velho; SKED: 0900-0200.
4945.10 Emissora Rural, A Voz do São Francisco, Petrolina; has not been heard during my stay in Brasil, due to QRM from other ZY stations on same channel.
4954.98 Rádio Clube, Rondonópolis; SKED: 0800-2200 (Sun 0900-0300).
4955.00 Rádio Marajoara, Belém; SKED: 0830-0300
4955.10 Rádio Cultura, Campos; SKED: 0700-0300
4965.00 Rádio Alvorada, Parintins; is seemingly inactive.
4974.98 Rádio Tupi, São Paulo; SKED: 24h. Slogan is "Super Rádio Tupi".
4984.96 Rádio Brasil Central, Goiânia; SKED: 0700-0300.
5014.98 Rádio Brasil Tropical, Cuiabá; SKED: 24h. (In the local night, it relays Rádio Cultura de Cuiabá 710kHz.)
5015.00 Rádio Pioneira, Teresina; is seemingly inactive.
5015.00 Rádio Copacabana, Rio de Janeiro; noted w/heavy QRM from Rádio Brasil Tropical, during my stay in São Paulo. SKED is unknown, but it has been audible in the local evening.
5025.00 Rádio Borborema, Campina Grande; has been inactive for several years.
5025.00 Rádio Morimoto, Ji-Paraná; has been inactive for these years.
5025.34 Rádio Transamazonica, Altamira; noted only on 05/03/94. irregular transmission?
5034.83 Rádio Aparecida; SKED: 0800-0300 usually strong signal.
5035.00 Rádio Educação Rural, Coari; Due to heavy QRM of Rádio Aparecida, I could not hear this ZY station. As this station has been reported by European DXers in 1993, it may be active.
5044.98 Rádio Cultura do Pará, Belém; SKED: 0800-0300.
5045.00 Rádio Difusora, Presidente Prudente; has been off the air for several years.
5055.00 Rádio Difusora de Cáceres; SKED: 0345-2300 (Sun 0445-2300)
5055.00 Rádio Jornal A Critica, Manaus; is still inactive (QSY from 4935kHz).
5955.28 Rádio Gazeta, São Paulo; SKED: 0900-0300.
5965.05 Rádio Transamérica, Santa María; SKED: 0900-0200.
5970.00 Rádio Itatiaia, Belo Horizonte; may be active. SKED: (s/on?)-1900.
5980.16 Rádio Guarujá, Floreanópolis; SKED: 0900-0400.
5990.00 Rádio MEC, Rio de Janeiro; has been off the air for a long time.
6000.02 Rádio Guaiba, São Paulo; SKED: 0800-0400.
6010.00 Rádio Inconfidência, Belo Horizonte; SKED: 1200-1600 & 1800-2000 (news source: Dario Monferini & M. Vizzoni via PLAY DX No.770 26/DEC/93).
6020.00 Rádio Educadora da Bahía, Salvador; is inactive.
6020.00 Rádio Gaúcha; SKED: 24h.
6040.37 Rádio Clube Paranaense; SKED: 0900-2200 (Sun-2300).
6059.08 Rádio Universo, Curitiba; SKED: 24h.
6080.00 Rádio Novas de Paz; SKED: 1000-0300.
6080.00 Rádio Anhanguera, Goiânia; SKED: 0900-0300 //1230kHz.
6090.00 Rádio Bandeirantes, São Paulo; SKED: 24h
6104.80 Rádio Cultura, Foz do Iguaçu; SKED: 0900-0300.
6105.00 Rádio Canção Nova, Cachoeira Paulista; SKED: 24h.

Relámpago DX

6119.98 Rádio Globo, São Paulo; SKED: 0900-0300.
6150.00 Rádio Record, São Paulo; SKED: 0900-2400.
6160.00 Rádio Rio Mar; is seemingly inactive.
6160.00 Rádio Nova Esperança, Porto Alegre; is inactive.
6170.01 Rádio Cultura, São Paulo; SKED: 0800-0400
6180.V Rádio Nacional da Amazônia, Brasilia; SKED: 0855-0200.
9505.00 Rádio Record, São Paulo; SKED: 0900-2400.
9515.00 Rádio Novas de Paz, Curitiba; SKED: 1000-0300
9540.00 Rádio Educadora da Bahía, Salvador; SKED: 0800-0300
9550.00 Rádio Nova Esperança, Porto Alegre; is inactive.
9565.00 Rádio Universo; SKED: 24h
9584.95 Central Brasileira de Noticias; SKED: 0900-1500 (ex-0900-2315)
9600.00 Rádio MEC, Rio de Janeiro; is seemingly inactive.
9615.00 Rádio Cultura, São Paulo; SKED: 0800-0400. Irregular transmission.
9629.63 Rádio Aparecida; SKED: 0800-0300.
9645.10 Rádio Bandeirantes, São Paulo; SKED: 24h
9665.00 Rádio Marumby, Floreanópolis; SKED: 0900-0100.
9675.00 Rádio Canção Nova, Cachoeira Paulista; SKED: 24h.
9685.00 Rádio Gazeta; São Paulo; SKED: 0900-0300.
9694.90 Rádio Rio Mar, Manaus; SKED: 0900-2400.
9705.00 Rádio Nacional, Rio de Janeiro; has not been heard during my stay in Brasil.
9725.00 Rádio Clube Paranaense, Curitiba; SKED: 0900-2200 (Sun-2300).
11704.6 Rádio Transamérica, Santa María; SKED: 0900-0200.
11765.2 Rádio Universo, Curitiba; SKED: 24h. (ex-11905kHz).
11780.0 Rádio Guaiba; São Paulo; SKED: 0800-0400.
11784.9 Rádio Nacional da Amazônia, Brasilia;
11805.0 Rádio Globo, Rio de Janeiro; is seemingly inactive.
11815.0 Rádio Brasil Central, Goiânia; SKED: 0700-0300.
11830.0 Rádio Anhanguera, Goiânia; SKED: 0900-0300 //1230kHz.
11855.0 Rádio Aparecida; SKED: 0800-0300.
11895.0 Rádio Nova Esperança; Porto Alegre; is inactive.
11915.0 Rádio Gaúcha, Porto Alegre; SKED: 0600-0100
11925.0 Rádio Bandeirantes, São Paulo; SKED: 24h
11935.0 Rádio Clube Paranaense, Curitiba; SKED: 0600-1900 (Sun-2000)
11950.0 Rádio MEC, Rio de Janeiro; is inactive
11964.6 Rádio Record, São Paulo; SKED: 0600-2100
15135.0 Rádio Record, São Paulo; is seemingly inactive.
15190.0 Rádio Inconfidência, Belo Horizonte; is seemingly inactive.
15265.0 Rádio Globo, São Paulo; has been off the air for a long time.
15325.0 Rádio Gazeta, São Paulo; SKED: 0900-0300.
15415.0 Rádio Clube de Ribeirão Preto; has not been audible during my stay in Brasil.
15445.0 Rádio Nacional da Amazônia, Brasilia; is seemingly inactive.
17814.8 Rádio Cultura, São Paulo; has not been audible during my stay in São Paulo.
17845.0 Rádio MEC, Rio de Janeiro; has been inactive for several years.

=PARAGUAY=
5935.V Radio Guaira, Villarica; is seemingly inactive.
5995.00 La Voz del Amambay, Pedro Juan Caballero; The SW outlet has been off the air since 1985.
6014.40 Emisoras Paraguay, Asunción; ANTELCO prohibited them to operate on MW & SW 2 years ago. Actually they are broadcasting only on FM 106.1MHz.
6025.00 Radio Nacional del Paraguay, Asunción; has been inactive 2 years ago.
9735.00 Radio Nacional del Paraguay, Asunción; During my stay there, it was off the air, but I noted its reactivation on 12/03/94. SKED: 0745-0400 (Sun 0845-).
11939.4 Radio Encarnación; SKED: 0755-0400.
15200.0 Radio Cardinal AM Stereo; As of March 1994, they didn't have any SW transmitter for this channel, but they have been planning to operate on SW for international listeners.

=URUGUAY=
6000.00 Radiomundo, Montevideo; There is no possibility to return to operate this SW outlet.
6033.80 Radio Nacional, Montevideo; has been off the air for a long time.
6045.10 Radio Integración Americana, Rivera; SKED: 1300-1400 & 0100-0200.
6073.30 La Voz de Artigas, Artigas; SKED: 1330-1800 (Sat/Sun 1100-2300). (nominal is 6075kHz.)
6124.90 SODRE, Montevideo; SKED: 0900-0400 // with CX38 1290kHz.
6139.90 Radio Monte Carlo, Montevideo; SKED: 1030-1600. Maximum outoput power is 5kW.
9595.00 Radio Monte Carlo, Montevideo; SKED: 1630-2330. Maximum outoput power is 5kW.
9620.06 SODRE, Montevideo; SKED: 1000-0400 // with CX26 1050kHz.
11735.0 Radio Oriental, Montevideo; SKED: 2330-0300. Maximum outoput power is 5kW.
11835.7 Radio El Espectador, Montevideo; has been inactive because of technical problem, during my stay in Uruguay.

=ULTIMA NOTICIA DEL MOMENTO=
4904.85 PERU: Radio La Oroya; First noted at 1050-1130 f on 02/04/94. The first morning program was entitled "Amanecer Andino" with huayno/huaylash & sometimes TC/ID. According to announcement, this music px is on the air daily at 0500-0630 local time (1000-1130 UTC). At 1054 ID as "Radio La Oroya 1460kc en amplitud modulada, 4905kHz en la onda corta tropical, llegando a vuestros hogares, un programa matutino de .. toda la mañana de 5 a 6:30 de la mañana, el día sábado ... en Radio La Oroya y AMANECER ANDINO." At 1105 announced as "AMANECER ANDINO en Radio La Oroya, claro que sí." & at 1110 Full ID "Radio La Oroya, 1460kc de amplitud modulada y 4905kHz de la onda corta tropical."

(Henrik Klemetz via Play-DX)

========== DATELINE BOGOTA ========== 22 March, 1994 ====== HK ========

H3160 is now Beverly Hills 15-80 AM, ex Ecos de Colombia, 2x1580, with a rock format since 1st March. First noticed (on 1580!) by Jan-Erik Österholm, in Finland!

2967.7 R Runacunápac Yachana, or in Spanish, R El Saber del Hombre, has verified from Simiátug, Bolívar, Ecuador, after a follow up. Prgr Mgr Eusebio Sigcha T. says the MW transmitter was in disarray at the time (early 1993), but after receiving a report from the US (Moore's?) and mine, they have applied for a SW license. The meaning of the stn name would be something like "Knowledge for the People" (tnx OA!). The station doesn't seem to be an outright educational station, although I did hear a few tips on how wounds can be cured by the boiled water from the hairy outer part of a corncob. Prgr consisted mainly of music.

3289.9 R Centro, "la número uno", from Ambato, Ecuador, keeps answering letters from abroad in their Sunday morning prgr "Amanecer andino". Stn Mgr Gamboa doesn't always turn up in time, viz. on 20/3. Instead they offered a couple of new canned ID's: "Desde Ambato, jardín ecuatoriano, transmite R Centro /mx/ 1130 kHz, onda media, 3290 kHz, onda corta, banda internacional de los 90 metros". - This ID is preceded by one of the following two "prologues": 1) "Ambato poesía, tierra pintada de blanco perpetuo y verdes campos. Ambato, incrustación de oro en los Andes ecuatorianos" /song/, or 2) "Ambato flor y perfume, tierra de frutas, tierra corazón. Ambato, centro de esfuerzo y hombres de trabajo" /song/.

4508.7 R San Joaquín, San Joaquín (Beni), Bolivia is a new one, first identified by Pertti Äyräs, and Jan-Erik Österholm, in Finland. On 3 March, fair, from 2300 and for about an hour. Per annc'ts they would be on the air until 0100. During this one-hour period I heard Bolivian music, a news relay from La Paz Ch. 7 TV, a message spot and a musical prgr called "Preguntas y respuestas". QRM mounting, as time went by, from the Peruvians on both sides, R Horizonte and "RP" R Paucartambo.

4824.2 La V de la Selva, Iquitos, has a weekday morning show 1000-1100, from 1st March reduced to 30', hosted by "Chocherita" Sandoval. I wrote to this fellow last year in order to have the name confirmed. TIN had one version and I had another one. It turned out that neither of us were right. The correct name is "Baila baila tanrrillita, moviéndose la colita". Tanrrillita is a long-legged flamingo-like bird, says Stn Mgr Miss Julia Jáuregui in a letter to me. The name also alludes to other birds (i.e. human beings), she says. Well, well. To be sure, on 10 March, "Chocherita" greeted TIN and me three times on the air.

4862.5 R La Hora, Peru, 22 Feb., on 4862.7 the day after. Almost covered by La V del Cinaruco, Colombia, 4865.

5858.6, slowly drifting down to .4, on 20 March, a test broadcast from R Frecuencia San José, at San José ("cuna de pescadores"), in Lambayeque department, Peru. Miscellaneous tropical pop music from 2300 to s/off at 0010. Said they would be back the following day "en las primeras horas de la mañana". Very muffled audio and lower sideband reduced to a minimum! Signal was weak.

5873.6 I have talked to some people in Túquerres, Southern Colombia, in order to find out about R El Sol which continues to be heard until 2342, when drowned by the BBC, on 5875. According to one person, this is a station operated by Manuel J. Rodríguez of a radio repair shop next to the Casa de la Cultura. I shall try to find out more about this station.

5894.7. Thanks to a tip on HCJB DX Partyline sent in by Valko, I found the test transmissions from R Paucartambo, of Paucartambo, in the department of Cusco, signing on around 1050/1100. Prgr, mainly in Quechua, contains a "Feliz cumpleaños" spot at 1100 (announced as 1115!), however, without the "Happy birthday" cue. Doesn't make it thru the Bulgarian QRM around midnight.

The following stations are believed to be inactive:
3249.7 R La V del Triunfo, Ecuador; 3394.8 R Católica Nal., Santo Domingo, Ecuador; 4183.2v R 11 de Octubre, Bolivia; 4449.9 R Estación Frontera, Bolivia; 4593.5 R Estación X, Peru; 4705.1 R Estación Láser, Peru; 5030.1 R Católica Nal. del Ecuador, Quito; 5046.2 Estación Yurimaguas, Peru; 5547.1 R La V de Andamachay, Peru; 5602.7 R Ritmo, Peru; 5800 "RNC" R Nuevo Cajamarca, Peru; 6670.2 R Santa Mónica, Peru, etc. etc.

ΕΡΤ Α Ε - Δ/ΝΣΗ ΗΛΕΚΤΡΟΝΙΚΩΝ ΜΕΛΕΤΩΝ ΚΑΙ ΑΝΑΠΤΥΞΗΣ
ΥΠΟΔ/ΝΣΗ ΑΝΑΠΤΥΞΗΣ ΔΙΚΤΥΟΥ ΕΚΠΟΜΠΗΣ
ΤΜΗΜΑ ΣΥΧΝΟΤΗΤΩΝ ΚΑΙ ΣΥΝΕΡΓΑΣΙΑΣ ΜΕ ΞΕΝΟΥΣ ΟΡΓΑΝΙΣΜΟΥΣ (via John Babbis, MD)
ΑΡΜΟΔΙΟΣ: Δημ. Βαφέας ΤΗΛ 6014700 (εσ. 158 ή 170), 6397103, FAX 6009608

VOICE OF GREECE

Πρόγραμμα Εκπομπών Βραχέων Κυμάτων Z(94)

από 27.3.94 (00.00 UTC) έως 24.09.94 (24.00 UTC)

1. Κέντρο Εκπομπής Αυλίδας ATHENS TRANSMITTERS (Avlis) Z(94)

1	2	3 UTC	4	5	6	7	8	9
Βόρειος Αμερική (North America)	E,A	00.00-03.50	100	1	285*	9380	31,98	HR2
			100	2*	323	9420	31,85	HR3
Αραβία, Ινδικός Ωκεανός (+) (Arabia, Indian Ocean)	E,Αρ	04.00-04.50	100	1	105	15630	19,19	HR2
			100	2*	105	9425	~~31,98~~ 31,83	HR2
Κύπρος, Τουρκία, Μ.Ανατολή (Cyprus, Turkey, Mid.East)	E,T	05.00-06.15	100	1*	80	7450	40,27	HR1
			100	2	105	9425	31,83	HR2
Ευρώπη -1 (Europe-1)	E,A	07.00-07.50	100	1*	285	15650	19,17	HR2
			100	2	323	9425	31,83	HR3
Αυστραλία (Australia)	E,A	08.00-09.50	100	1	105	17525	17,12	HR2
				2*	285	15650	19,17	HR2
Αζόρες - Ιαπωνία (Azores-Japan)	E	10.00-10.50	100	1*	46	17525	17,12	HR1
			100	2	285	15650	19,17	HR1
Κύπρος, Τουρκία, Μ.Ανατολή (Cyprus, Turkey, Mid.East)	E,T	11.00-11.50	100	1*	105	9825	30,53	HR2
			100	2	80	9425	31,83	HR1
Δυτ.Ευρώπη & Βόρειος Αμερική (W.Europe & North America)	E,A	12.00-13.50	100	1	285	17535	17,11	HR2
Βόρειος & Κεντρική Αφρική (North & Central Africa)	E,Αρ,A	12.00-12.50	100	2*	182	11645	25,76	HR3
Τασκένδη (Tashkent)	E, Ρω	13.00-13.50	100	2*	46	11645	25,76	HR1
Αραβία, Ινδικός Ωκεανός (+) (Arabia, Indian Ocean)	E,Αρ	14.00-14.50	100	1	105	15650	19,17	HR2
			100	2*	105	9425	31,83	HR2
Βαλκανικές Χώρες ** (Balkan Countries)	E, Αλ, Σ, Β, Ρ	15.00-17.00	100	1*	2	11635	25,78	HR3
				2	323	9395	31,93	HR3
Κοινοπ. Ανεξαρτήτων Χωρών & Πολωνία ** (C.I.S. & Poland)	E, Ρω, Πλ	17.10-17.50	100	1*	46	11645	25,76	HR1
			100	2	2	15630	19,19	HR3
Αφρική (Africa)	E,A	18.00-18.50	100	1	182	17525	17,12	HR3
Ευρώπη -3 (Europe-3)	E	18.00-20.50	100	2*	285	9425	31,83	HR2
		19.00-21.50	100	1	323	7450	40,27	HR3
Αυστραλία (Australia)	E,A	21.00-21.50	100	2*	105	9425	31,83	HR2
Ν.Αμερική & Ζώνη Παναμά (S.America & Panama Can. Z.)	E,Π.Ι,A	22.00-23.50	100	1	226	11595	25,87	HR1
			100	2*	260	9425	31,83	HR1

1= Περιοχή 2=Γλώσσες 3= Ωρα UTC 4=Ισχύς σε KW 5=Πομπός/Προτεραιότητα 6= Αζιμούθιο
7= Συχνότητα σε KHZ 8= Μήκος Κύματος σε μέτρα 9= Κεραιοσειρά
A = English
* Σε περίπτωση θλάβης ή συντήρησης σε ένα από τούς δύο πομπούς να προτιμάται η εκπομπή που δείχνεται με αστερίσκο.
** Εκτός Τρίτης, λόγω συντήρησης τής εγκατάστασης. (+) Λήψη δυνατή και στην Αυστραλία

RADIOPHONIKOS STATHMOS MAKEDONIAS

2. Κέντρο Εκπομπής Περαίας Θεσσαλονίκης R.S.MAKEDONIAS (Thessaloniki) Z(94)

1	2	UTC	3***	4	5	6	7	8	9
Κύπρος, Τουρκία, Μ.Ανατολή (Cyprus, Turkey, M.East)	E	05.00-22.00	08.00-01.00	35		115°	9935	30,20	RH04
Ευρώπη (Europe)	E	05.00-21.15	08.00-00.15	35		315	11595	25,87	D5
		17.00-22.00	20.00-01.00	35		315	7430	40,38	D3

*** Ώρες Ελλάδας (Greece time)

VOICE OF GREECE

3. Κέντρο Εκπομπής Καβάλας (VOA) KAVALA TRANSMITTER Z(94)

Service Area	Languages	Time	Kw		Azimuth	KHz	Meters	Antenna
1	2	3 UTC	4	5	6	7	8	9
Βόρειος Αμερική (North America)	E, A	00.00--03.50	250		355°	11645	25,76	A11A
Αραβία, Ι. Ωκεανος (+) (Arabia, Indian Ocean)	E, Αρ	04.00-04.50	250		95	21465	~~13,86~~ 13,98	D21B
Κύπρος, Τουρκία, Μ.Ανατολή (Cyprus, Turkey, M.East)	E, T	05.00-06.15	250		51	9395	31,93	C9J
Ευρώπη-1 (Europe-1)	E	07.00-07.50	250		355	11645	25,76	A11A
Δυτ.Ευρώπη & Βορ. Αμερική (W.Europe & North America)	E, A	12.00-13.50	250		355	15630	19,19	A15B
Αραβία, Ιν. Ωκεανός (+) (Arabia, Indian Ocean)	E, Αρ	14.00-14.50	250		95	11645	25,76	D11B
Βαλκανικές Χώρες (Balkan Countries)	E,Αλ,Σ,Β,Ρ	15.00-17.00	250		355	9425	31,83	A9B
Κοινοπ. Ανεξ. Χωρών & Πολωνία (C.I.S. & Poland)	E, Ρω, Πλ	17.10-17.50	250		26	9425	31,83	B9J
Αφρική (Africa)	E, A	18.00-18.50	250		208	15650	19,17	G15L
Βαλκανικές Χώρες ***** (Balkan Countries)	B, Αλ, Ρ, Σ	19.00-19.50	250		355	9380	31,98	A9B
Ευρώπη - 2 (Europe-2)	A,Γαλ,Γ,Ιτ,Σδ	20.00-20.50	250		355	9395	31,93	A9B
Αυστραλία (Australia)	E, A	21.00-22.50	250		95	11645	25,76	D11B
Ν.Αμερική & Ζώνη Παναμά (+) (S. America & Panama Can. Z)	E, I, Π, A	23.00-23.50	250		95	11645	25,76	D11B

***** 19.00-19.30 UTC αναμετάδοση στα Μεσαία από VOA, μήκος κύματος 378,79 μέτρων ή συχνότητα 792 kHz

(+) Λήψη δυνατή και στην Αυστραλία
A = English
E=Ελληνικά (Greek), A=Αγγλικά (English), Αλ=Αλβανικά (Albanian), Αρ=Αραβικά (Arabic), Β=Βουλγαρικά (Bulgarian), Γαλ=Γαλλικά (French), Γ=Γερμανικά (German), Ι=Ισπανικά (Spanish)
Ιτ=Ιταλικά (Italian), Πλ=Πολωνία (Polish), Π=Πορτογαλικά (Portuguese), Ρ=Ρουμανικά (Romanian), Ρω=Ρώσικα (Russian), Σ=Σερβοκροατικά (Serbocroatian), Σδ=Σουηδικά (Swedish), Τ=Τουρκικά (Turkish)

FROM: Jeff White, 71163,1735
TO: Glenn Hauser
DATE: 12-Apr-94 at 12:10:48

SUBJECT: Harmonic problem further delays WRMI

[NOTE: This news release updates and corrects any others you may have received during the past few days.]

At this point, it has been determined that WRMI's transmitter is producing 10th, 11th and 12th harmonics in the immediate area of the transmitter site, just northwest of Miami. The station's engineers are working as quickly as possible to correct this problem, but this requires work on the transmitter which could take several days or perhaps even weeks. In the meantime, the transmitter will remain off the air, except for brief testing periods which will be coordinated with the FCC and the Federal Aviation Administration.

WRMI, Radio Miami International's new shortwave station on 9,955 kHz, first went on the air with its 50-kilowatt transmitter on April 1. Test transmissions were broadcast until April 9, with many reports of excellent reception coming in from throughout the Americas. The transmitter was performing so well that WRMI applied for permission to begin regular programming, rather than just test announcements.

However, on April 9, the Miami office of the Federal Communications Commission (FCC) informed WRMI that airline pilots had reported hearing the station on an aeronautical frequency of 119.45 MHz when they were departing from Miami International Airport. It was determined that this was caused by the 12th harmonic of WRMI's signal on 9.955 MHz. WRMI suspended test transmissions on April 9. The station has been cooperating fully with the local office of the FCC in resolving this problem.

With the exception of this harmonic problem, the transmitter appears to be working perfectly, and WRMI hopes to be able to return to the airwaves in the very near future. The station's corner reflector antenna is beamed primarily to Latin America. Listener reports received during the testing phase indicated 55555 SINPO ratings in northern South America, and very good ratings also off the back of the antenna in the United States and Canada.

[We will keep you updated on further developments.]

Jeff White, General Manager
Radio Miami International, P.O. Box 526852, Miami, Florida 33152 USA
Phone (305) 267-1728. Fax (305) 267-9253. E-mail: CompuServe 71163,1735

The Son Now Shines in Father's 'Propaganda Room'

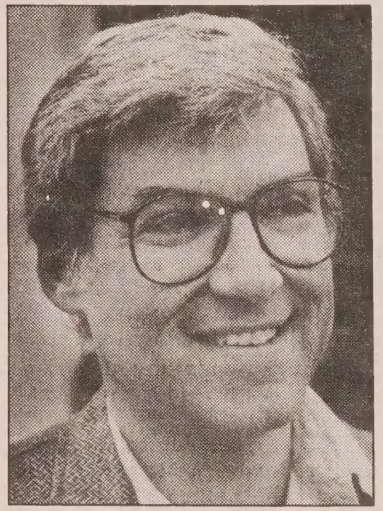
■ Broadcasting: UCLA professor follows in parent's footsteps as director of Voice of America to bring U.S. news to a changed world.

By THOMAS B. ROSENSTIEL
TIMES STAFF WRITER

WASHINGTON—When Geoffrey Cowan was a child, the library in his home in Connecticut was called the "propaganda room" because it was stocked with great works about the forces that shape public opinion. What the books said, his father Louis G. Cowan explained to him, was that there is only one way to influence people: tell the truth.

Louis Cowan was able to put that creed into practice. From 1943 to 1945 he was the second director of the Voice of America, the United States' most famous government-run news arm, which provides radio broadcasts in native languages and English to countries around the world.

Fifty years later it is the younger Cowan's turn. A UCLA professor, author and playwright, Cowan, 51, in effect took over the propaganda room earlier this month when he became the 19th director of the Voice of America.



LARRY BESSELL / Los Angeles Times

Geoffrey Cowan, second generation director of Voice of America.

He is beginning the job at a time of great change for the U.S. radio voice, which was created to combat the totalitarian thought-control machinery of Nazi Germany and later the communist regimes of the Cold War.

In an interview recently in his office, Cowan outlined his three main tasks as the head of one of the world's largest news organizations. One is to take advantage of new technologies; the second is to find new ways of distributing the news and information that Voice of America already produces for its 1,000 hours a week of broadcasts, and the third is to define the station's role in the post-Cold War era.

Cowan—who is on leave from UCLA—also will have to help cut about $20 million from Voice's annual budget to $244 million.

Voice broadcasts news about the United States and the outside world to 46 countries in English and 45 countries in other languages. But because it is government run, Voice is barred from broadcasting in the United States.

The other two U.S. government news organizations, Radio Liberty and Radio Free Europe, were created to deliver news to people behind the Iron Curtain about events in their own countries. Radio Liberty broadcasts to Russia and the former Soviet republics, Radio Free Europe to the rest of Eastern Europe.

Cowan argued that events since the end of the Soviet Union in 1990 demonstrate that the "VOA is at least as important as it was during the Cold War."

First, he said, a number of countries still have repressive regimes that control the news, including Haiti, China, Myanmar (formerly Burma), Tibet and the former Yugoslavia.

Beyond that, "we are living in a period of what one historian calls 'turbulence,' an unsettled period of ethnic hatred, fierce nationalism and confusion about values." In some countries, including Russia and even Germany, "the possibilities of democracy and fascism" coexist, competing for power.

In such a world, Cowan argued, Voice of America has the potential to be one of the country's most eloquent demonstrations of democratic values, providing accurate, balanced and comprehensive information as well as news about American concerns and policy positions.

Despite Cowan's philosophy about accuracy and honesty, however, most Voice news reports tend to be different from those of commercial news organizations, if only because they tend to emphasize American policy rather than to point out conflict or to look for potential problems.

Cowan has a background well-suited to the challenges of new technology. He noted that Voice of America has just moved onto Internet, the free computer database system, that will make its scripts available in all languages to anyone with a computer.

Cowan may represent a return to tradition, compared with some of his recent predecessors, who were more intrigued by television than he is. Cowan thinks there is something about the character of radio that makes it better for communicating ideas.

"Although PBS television is a great service," he said by way of analogy, "if you wanted to influence minds in America, National Public Radio would probably be more effective."

In his career as an attorney and professor, Cowan has focused on communications. A graduate of Harvard and of Yale Law School, Cowan was a public-interest lawyer whose work led to several landmark Federal Communications Commission decisions and to a teaching job at UCLA, where he helped found the school's Communication's Law Program and more recently became director of the Center for Communications Policy.

He is the author of two books, including "See No Evil" about television censorship, and more recently "The People v. Clarence Darrow: The Bribery Trial of America's Greatest Lawyer."

He is a playwright, the author of "Top Secret: The Battle for the Pentagon Papers," and also a television producer, whose "Mark Twain and Me," a two-hour movie starring Jason Robards, won an Emmy Award in 1992. Cowan chaired the commission that wrote Los Angeles' ethics and campaign finance law.

KOL-ISRAEL SHORT WAVES SCHEDULE

From 1 April 1994 to 27 August 1994

LANGUAGE	FROM UTC TO	KHz	Meters	D	KHz	Meters	D	KHz	Meters	D
Hebrew (BET)	3.00 -22.00	15615	19.21	W	13750	21.82	N			
	3.00 - 6.00	9388	31.96	W						
	3.00 - 6.55	11590	25.88	W						
	7.00 -19.00	17545	17.10	W						
	16.00 - 3.00	11585	25.90	W						
Arabic	3.00 -21.15	5900	50.85	E	15095	19.87	S	15480	19.37	E
		5915	50.72	E	9815	30.57	E	738	406.5	E
English	4.00 - 4.15	9435	32	W	11605	26	W	17545	17	E
English	10.00 -10.30	17575	17	W	15650	19	E	15640	19	W
English'	13.00 -13.25	15640	19	W	15650	19	E			
English	19.00 -19.30	15640	19	W	9435	32	W			
	19.00 -19.30	11603	26	W	17575	17	S	11675	26	N
English	21.30 -22.00	7465	40	W	9435	32	S			
	21.30 -22.00	11603	26	W	17575	17	S	11675	26	N
French	4.15 - 4.30	9435	32	W	11605	26	W	17545	17	E
French	10.30 -11.00	17575	17	W	15650	19	E	15640	19	W
French	19.30 -19.55	15640	19	W	9435	32	W			
	19.30 -19.55	11603	26	W	17575	17	S	11675	26	N
French	20.30 -21.00	7465	40	W	9435	32	S			
	20.30 -21.00	11603	26	W	17575	17	S	11675	26	N
Russian*&Tat***	13.30 -14.55	15640	19.18	N	11675	25.70	N			
Russian**	13.00 -13.30	15640	19.18	N	15650	19.17	N			
	13.00 -13.30	11603	25.86	N	11675	25.70	N			
Russian**	14.35 -16.00	15640	19.18	N	11587	25.89	N			
	14.35 -16.00	11603	25.86	N	11675	25.70	N			
Russian	15.00 -16.00	15640	19.18	N	11587	25.89	W			
	15.00 -16.00	11603	25.86	N	9845	30.47	N	11675	25.70	N
Russian	17.30 -18.55	15640	19.18	N	9435	31.80	W			
	17.30 -18.55	11603	25.86	N	9845	30.47	N	11675	25.70	N
Russian	20.00 -20.25	7465	40.19	N	9435	31.80	N			
	20.00 -20.25	11603	25.86	N	9845	30.47	N	11675	25.70	N
Georgian	13.30 -13.45	11603	25.86	N	15640	19	W	15650	19	E
Bucharian	13.45 -14.00	15640	19.18	W	15650	19	E	11603	26	N
Persian ****	14.00 -14.55	15650	19.17	E	11603	26	N	11587	26	W
Romanian	16.25 -16.45	15640	19.18	N	9435	31.80	W	11603	25.86	N
	16.25 -16.45	9845	30.47	N						
Romanian	17.30 -17.45	11675	25.70	N						
Hungarian	16.45 -17.00	11603	25.86	N	9435	31.80	W	15640	19.18	N
	16.45 -17.00	9845	30.47	N						
Spanish	17.45 -17.55	11675	25.70	N						
	21.00 -21.30	7465	40.19	W	9435	31.80	S			
	21.00 -21.30	11603	25.86	W	17575	17.07	S	11675	25.70	N
Ladino	16.45 -17.00	11675	25.70	N						
Yiddish	16.00 -16.25	15640	19.18	N	9435	31.80	W			
	16.00 -16.25	11603	25.86	N	9845	30.47	N	11675	25.70	N
Yiddish	17.00 -17.30	9435	31.80	W	15640	19.18	W			
	17.00 -17.30	9845	30.47	N	11675	25.70	N	11603	25.86	N
Easy Hebrew	16.25 -16.45	11675	25.70	N						

' Sun,Mon,Tue,Wed & Thr. ** Fri,Sat & Jewish Holidays or Holiday eves
D = General Direction *** Sun & Wed 14.40-14.55 **** (**) 14.00-14.30 (+11675 E)
N = E.Europe,Russia,Western N.America,W.Asia
E = Iran,Central Asia,India,S.E.Asia,Australia,N.Zealand
S = Yemen, Southern & Central Africa, Central & South America
W = West Europe & North America
UTC =(G.M.T.) Universal Time Coordinated ---D.G.------- VER.14-Mar -

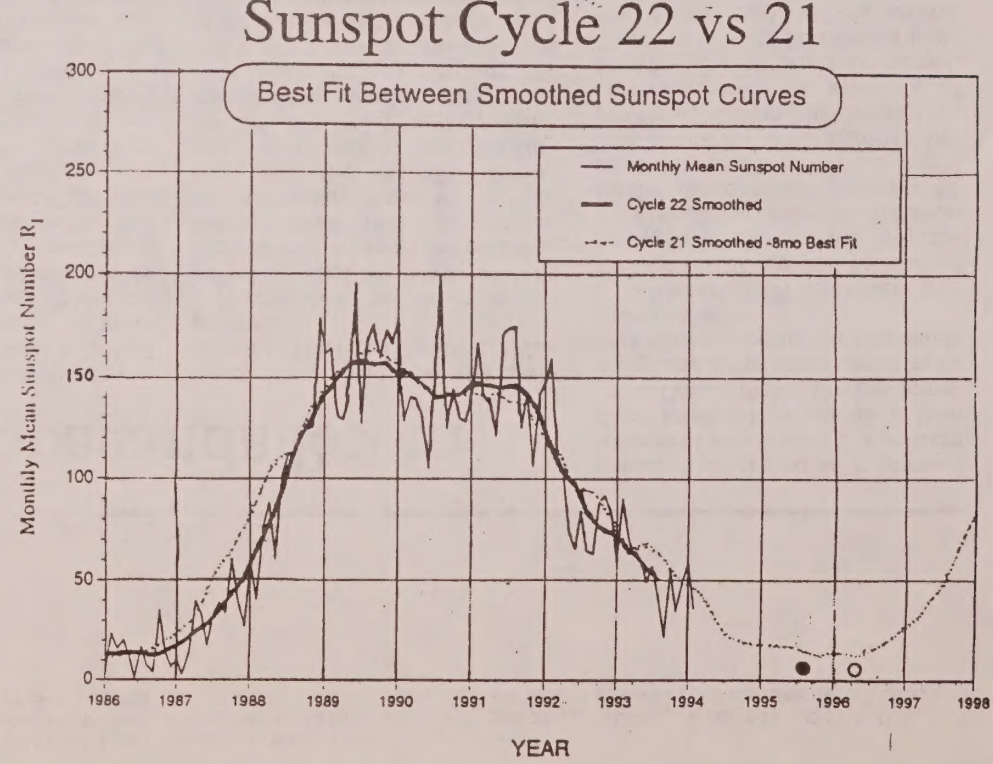
I.B.A.,KOL-ISRAEL,EXTERNAL SERVICE,POBox1082,JERUSALEM 91010,ISRAEL,Fax+9722 302327

8/9 May - Yom Yerushalayim - Jerusalem Day
15/16 May - Shavuot - Festival of Weeks
16/17 July - Tisha B'Av - Fast of Av
5 Sept. - Eve of Rosh Hashanah - Jewish New Year
6/7 Sept. - Rosh Hashanah - Jewish New Year
14/15 Sept.- Yom Kippur - Day of Atonement
19/20 Sept.- First Day of Sukkot - Tabernacles
26/27 Sept.- Simhat Torah - Rejoicing of the Law (in Israel)

(Via Richard Lemke, St. Albert, Alberta.)

Expected Minimum for Solar Cycle 22

Solar cycle in the modern record have not been 11 years in length. A group of shorter cycles have had a mean duration of 10.2 years, and a set of longer cycles have had a mean duration of 11.8 years. If cycle 22 is a short cycle, this would imply that minimum would occur late 1996; a longer cycle would end in the second half of 1999. Various rules or guidelines are used to predict the occurrence of the solar minimum for a solar cycle. One approach to foreseeing the next minimum would be to overlay the smoothed mean sunspot number for solar cycle 21 on the smoothed mean sunspot number for solar cycle 22. This estimate assumes that the present pattern of the solar activity levels will continue. Using this approach we can expect that the middle of 1995 will be the earliest time of solar minimum for cycle 22, which is represented by the black dot in the figure. The fit between the smoothed curves of these two cycles was obtained at the start of 1990, and subsequent data have not changed the phase relationship between these two curves. From another perspective, we see that solar minimum follows about 3–5 years after the first spotless day after the peak of the cycle. This rule would place the solar minimum for cycle 22 in late 1996, since the first spotless day was in fall 1993 (the 1996 solar minimum is represented by the open circle in the figure.



The original plot was created by Patrick McIntosh/NOAA

SWISS TELECOM PTT

SWISS RADIO INTERNATIONAL

M94.II / J94 / S94.I

Effective 27 March - 24 September 1994

Swiss Radio International
Radio Suiza Internacional
Rádio Suíça Internacional
Schweizer Radio International
Radio Suisse Internationale
Radio Svizzera Internazionale
إذاعة سويسرا العالمية

TARGET AREA	UTC 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0
EUROPE	3985 M F I E G F I E F ND 6165 M F I E G F I E F E G E F I E I G I F E R ND 3985 G I F E R ND 9535 E G E F I E ND
CENTRAL AMERICA AND NORTH AMERICA EAST	G E S F S I 5905 299° 6135 305° 9885 280° RELAY BRASILIA B
NORTH AMERICA WEST	6135 9860 9885 G E F I 305° 310° 320°
AUSTRALASIA	9885 13685 17515 I E F G P 245° 260° 80°
FAR EAST	13635 15505 17515 E F G I 50° 65° 50° RELAY BEIJING CHN 7480 E F I G 102°
SOUTH - EAST ASIA	RELAY BEIJING CHN 11690 13635 15505 E F I G 196° 90° 80°
SOUTH ASIA	11960 13635 15505 E F G I 80° 90° 80°
NEAR EAST AND EAST AFRICA	9885 13635 15635 E G I F 125° 110° 140°
NORTH AFRICA AND NEAR EAST	9885 13635 15505 A 170° 200° 125°
AFRICA	9885 13635 15430 E F I G 200° 185° 170° RELAY MOYABI GAB 6135 9885 13635 15505 E F I G 145° 170° 140° 185°
SOUTH AMERICA	RELAY MOYABI GAB 9810 260° 9885 230° 12035 245° 15505 230° F G I S

A = Arabic
E = English
F = French
G = German
I = Italian
P = Portuguese
R = Rumantsch
S = Spanish
M = Music

UTC 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0

SUBJECT TO ALTERATION / 07.03.94 / RC 115

FH 11.30.10051

A	6325,1			TUR	Istanbul Polis Radyosu, Istanbul	o6oo-17oo, ID: "Burasi Istanbul Polis Radyosu"
A	6325,1		0,1	BOL	R. Velmar, Santa Maria (Oruro)	irr., Pirat des Miner´s Syndicate of Santa Maria, Prov. Dalence, Dept. Oruro
	6325,8		0,25	PRU	R. Abancay, Abancay	
A	6329,5	v		VTN	Radio TV Son La, Son La	1155-14oo, ID: "Dáy Là dài phat thanh Son La", // 4661v, nom. 6343v
A	6339,6			PRU	R. San Miguel Arcángel, San Miguel	
A	6348			-	Echo of Hope	o3oo-o6oo (CLA-stn. aus Südkorea)
	6390		1	SOM	R. Hargeisha, Hargeisha	1ooo-123o, 15oo-17oo, alt. 7122 kHz
	6390,9			PRU	R. San Miguel, San Miguel de Llave	
	6400	v		-	R. Muhabura	o33o-o5o5, 1ooo-11oo, 1715-2ooo (Sa/So 21oo) in F,E,Vn für Ruanda
	6400	v		-	Voice of the Communist Party of Iran	Sa-Do o415-o545, Fr o53o-o7oo, 17oo-18oo
	6400	v		-	Voice of the Iranian Revolution	o9oo-1o45, 14oo-15oo
A	6400			KRE	PBS, Kanggye	21oo-18oo, // 625o
A	6401	v		VTN	R. Yen Bai, Yen Bai Prov.	ex 639o, Teil des Hoang Lien BS, ID: "Dai phat thanh Yen Bai"
	6410	v		-	Vo the Islamic Movement in Iraqi Kurdistan	o5oo-o63o, 123o-14oo, ID: "Voice of Islam", // 41o5v, 432ov
A	6427			VTN	R. Lai Chau, Lai Chau Prov.	o4oo-o6oo, 12oo-133o, ID: "Dai phat thanh Lai Chau"
	6429		1	PRU	R. Espinar, Espinar	1o3o-133o, 23oo-o3oov, nom. 6425
A	6498,8		0,8	PRU	R. Estación "C", Moyobamba	1o3o-o2oo ID: "Transmite R. Estación C desde Moyobamba para todo el Perú. Estación C, la radio que apunta al futuro"
CC	6500		50	CHN	Qinghai PBS, Xining	o355-o545, 1o55-154o, 2255-oo55 Tibet.
	6518			-	Voice of the People	o3oo-o43o, o6oo-o73o, 23oo-oo3o
A	6520	v		-	Voice of the Mojahed	o2oo-o6oo, 14oo-19oo in Farsi
A	6530	v		-	Radio Patria Libre	oo3o-o11o S, Voice for the Camilist Union Army of National Liberation (ELN); gegen CLM-Regierung
A	6544,5			PRU	R. Centinela, Bambamarca (Cajamarca)	s/off o41o, ID: "Radio Centinela, la voz de la Guaringas"
A	6549			LBN	Voice of Lebanon	o415-233o A
A	6560	v		-	Voice of the Mojahed	o2oo-o6oo, 14oo-19oo in Farsi
	6560			IRQ	R. Baghdad, Baghdad	o3oo-21oo in Kurd.
A	6570		1	BRM	Defence Forces Broadcasting	o2oo-o33o, o53o-o63o, 1o3o-133o in Vn
A	6571,4		0,17	PRU	R. Tacna, Tacna	Mo-Fr 18oo-19oov
	6585			PRU	R. Tradición, Huanta	
	6587	v		PRU	R. Santa Fé, Santa Fé de Urubamba	
A	6587,1	v		VTN	R. Cao Bang, Cao Bang Province	irr. 12oo-14oo, Id: "Dai phat thanh Cao Bang", nom 6477v
A	6600			-	Voice of the People	o3oo-o5oo, 23oo-o1oo, CLA-Stn. aus Südkorea, ID: "Yoginun Pyongyang-eso ponadurinun inminuisoribang-imnida"
A	6627	v		VTN	R. Bac Thai, Tainquyen	o3oo-o5oo, 12oo-14oo, ID: "Dai phat thanh Bac Thai"
A	6628,5	v	0,3	PRU	LV de San Antonio, Bambamarca (Cajamarca)	23oo-o43o
	6645	v		-	Voice of Feda´i	o23o-o315, o9oo-o945, 17oo-1745
	6647	v	1	LAO	Pakse Regional R., Pakse	o4oo-o6oo, 1ooo-14oo, 23oo-o2oo, ID: "Thini vithayu krachaisiang heng sat Ke Thai otaa Pakse"
	6666		0,01	PRU	R. Jepelacio, Jepelacio	23oo-o4oo
	6670,2			PRU	R. Santa Mónica, Santiago de Chuco	
A	6690		1	PRU	R. Cutervo, Cutervo	
A	6707			VTN	Hoang Lien Son BS, Lao Cai	
A	6724	v	0,15	PRU	R. Satélite, Santa Cruz	233o-o33o, nom. 478o
A	6750			CHN	CNR 1	1958-o1oo, 11oo-1753, // 322o, 446o, 532o, 58o5, r So oooo-oo3o in E
A	6754,7			PRU	R. La Merced, Tongod	nom. 676o
A	6780	v		-	Voice of the Mojahed	o2oo-o6oo, 14oo-19oo in Farsi
A	6803,9		0,25	PRU	R. Ondas del Río Mayo, Nueva Cajamarca	1ooo-12oo, 21oo-o1oo/o3oov
A	6810			SOM	R. Mogadishu, Mogadishu	?-18oo A

TROPENBANDLISTE -- TBL
Sample page of a new publication presented in German, 66 pages, updated monthly, in two parts by frequency, country; the April issue has 1407 entries, covering 2.3-7 MHz, but above 5.8 MHz only home services. Seems quite comprehensive, but no 2 MHz MW harmonics are shown, and only a few around 3 MHz. DM 20 ppd in Europe, or DM 30 outside Europe by airmail, by cheque in DM only, to Willi H. Passmann Media Consulting, Oberhausener Str. 100, D-45476 Mülheim-Ruhr, Germany. It's compiled from info in DX magazines from Germany, Scandinavia, Italy, Spain, USA, Japan, and Australia. Passmann believes he has a better method than other tropical lists; frequency section is then sorted by continent and country; country section is then sorted by frequency in declining power order. (gh)

RBDS Stations

Station	Frequency	City
CALIFORNIA		
KLON-FM	88.1	Long Beach
KTWV-FM	94.7	Los Angeles
KCRW-FM	89.9	Los Angeles
KNPR-FM*	88.1	Ridgecrest
KSFM-FM	102.5	Sacramento
KPBS-FM	89.5	San Diego
KEAR-FM	106.9	San Francisco
COLORADO		
KMJI-FM	100.3	Denver
DISTRICT OF COLUMBIA		
WGAY-FM	99.5	Washington
FLORIDA		
WTMI-FM	93.1	Miami
WUFT-FM	89.1	Gainesville
WFLZ-FM	93.3	Tampa
GEORGIA		
WSTR-FM	94.1	Smyrna
ILLINOIS		
WXRT-FM	93.1	Chicago
WLS-FM	94.7	Chicago
WFMT-FM	98.7	Chicago
WNUA-FM	95.5	Chicago
INDIANA		
WSHW-FM	99.7	Frankfort
WZPL-FM	99.5	Indianapolis
WZWZ-FM	92.7	Kokomo
WWKI-FM	100.5	Kokomo
LOUISIANA		
WGGZ-FM	98.1	Baton Rouge
KFXY-FM	96.7	Morgan City
WLMG-FM	101.9	New Orleans
WMYZ-FM	95.7	New Orleans
KCIL-FM	107.5	Houma
MASSACHUSETTS		
WGBH-FM	89.7	Boston
WBOQ-FM	104.9	Gloucester
WBCS-FM	96.9	Newton
MARYLAND		
WHFS-FM	99.1	Annapolis
WXYV	102.7	Baltimore
MICHIGAN		
WIOG-FM	102.5	Bay City
WLLZ-FM	98.7	Detroit
WKQI-FM	95.5	Detroit
WJLB-FM	97.9	Detroit
WQRS-FM	105.1	Detroit
WDBM-FM	88.9	East Lansing
MINNESOTA		
KBEM-FM	88.5	Minneapolis
MISSOURI		
KYYS-FM	102.1	Kansas City
NEW MEXICO		
KKOB-FM	93.3	Albuquerque
NEVADA		
KKLZ-FM	96.3	Las Vegas
KNPR-FM	89.5	Las Vegas
KNPR-FM*	88.7	Boulder City
KNPR-FM*	91.7	Beatty
KOMP-FM	99.3	Henderson
KNPR-FM*	88.7	Indian Springs
KNPR-FM*	89.5	Laughlin
KNPR-FM*	88.7	Moapa Valley
KNPR-FM*	88.7	Pahrump
KNEV-FM	95.5	Reno
KNPR-FM*	88.1	Scotty's Junction
KNPR-FM*	105.1	Searchlight
KLUC-FM*	98.5	Las Vegas
KFMS-FM	101.9	Las Vegas
KEYV-FM	93.1	Las Vegas
KRRI-FM	105.5	Las Vegas
KOMP-FM	92.3	Las Vegas
KEDG-FM	103.5	Las Vegas
KFBI-FM	107.5	Las Vegas
KYRK-FM	97.1	Las Vegas
KLNR-FM*	91.7	Panaca
KTPH-FM*	91.7	Tonopah
KEYV-FM*	103.5	Laughlin
NEW JERSEY		
WBGO-FM	88.3	Newark
NEW YORK		
WZRQ-FM	102.3	Albany
WHTZ-FM	100.1	New York
NEW MEXICO		
KKOB-FM	93.3	Albuquerque
OHIO		
WOUB-FM	91.3	Athens
WVXU-FM	91.7	Cincinnati
WWNK-FM	94.1	Cincinnati
WGAR-FM	99.5	Cleveland
WENZ-FM	107.9	Cleveland
WLTF-FM	106.5	Cleveland
WKKO-FM	99.9	Toledo
WGTE-FM	91.3	Toledo
WHIZ-FM	102.5	Zanesville
WOUZ-FM	90.1	Zanesville
WGLE-FM	90.7	Lima
PENNSYLVANIA		
WRTI-FM*	97.1	Allentown/Bethlehem
WNCE-FM	101.3	Lancaster
WFLN-FM	95.7	Philadelphia
WRTI-FM	90.1	Philadelphia
WPLY-FM	100.3	Philadelphia
WDUQ-FM	90.5	Pittsburgh
WRTI-FM*	97.7	Reading
TENNESEE		
WYPL-FM	89.3	Memphis
TEXAS		
KNLE-FM	88.1	Austin
KAYD-FM	97.5	Beaumont
KQXY-FM	94.1	Beaumont
KYKR-FM	95.1	Beaumont
KERA-FM	90.1	Dallas
KILT-FM	100.3	Houston
KOOL-FM	106.5	Jacksonville
KKMY-FM	104.5	Orange
UTAH		
KSOS-FM	106.9	Ogden
KSOS-FM*	92.1	Salt Lake City
KSOS-FM*	96.7	Salt Lake City
KSOS-FM*	98.3	Utah County
VIRGINIA		
WLTY-FM	95.7	Norfolk
WNVZ-FM	104.5	Norfolk
WKOC-FM	93.7	Virginia Beach
WCDX-FM	92.7	Richmond
WASHINGTON		
KUOW-FM	94.9	Seattle
KMPS-FM	94.1	Seattle
KRPM-FM	106.1	Tacoma

* Translators

RBDS = brief text transmitted by subcarrier to special receivers; such as IDs, music titles, artists; considered by some to have terrific potential as new advertising medium; even printing out coupons.

TRANS WORLD RADIO - MONACO
PROGRAM SCHEDULE SUMMER SEASON
27 MAR 94 - 24 SEP 94

TIME/UTC	DAY	LANGUAGE	MB	FREQU	TRM	PWR	ANT	AZI	ZONE	COM
0345-0415	1234567	GERMAN	49	06230	SW2	100	AL6	013	28	1)
0640-0820	123456	ENGLISH	41	07385	SW1	100	GBD	324	27	
0640-0845	7	ENGLISH	41	07385	SW1	100	GBD	324	27	
0730-0745	123456	GERMAN	41	07160	SW5	500	I0	026	28	
0730-0745	123456	GERMAN	49	06230	SW2	100	AL6	013	28	
0730-0815	7	GERMAN	41	07160	SW5	500	I0	026	28	
0730-0815	7	GERMAN	49	06230	SW2	100	AL6	013	28	
0825-0840	23456	HUNGARIAN	31	09490	SW2	100	II-	065	28	
0845-0900	123 5	SLOVAK	31	09490	SW2	100	I+	044	28/29	
0845-0900	4	CZECH	31	09490	SW2	100	I+	044	28	
0900-0915	1 4567	POLISH	31	09490	SW2	100	I+	044	28	
1005-1020	123456	GERMAN	41	07160	SW5	500	I0	026	28	
1005-1020	123456	GERMAN	49	06230	SW2	100	AL6	013	28	
1030-1045	7	CZECH	31	09490	SW1	100	I+	044	28	
1030-1100	6	SLOVAK	31	09490	SW1	100	I+	044	28/29	
1100-1145	7	HUNGARIAN	31	09490	SW1	100	II-	065	28	
1230-1245	7	CROATIAN	41	07290	SW2	100	II0	085	28	
1330-1400	1234567	GERMAN	49	06230	SW2	100	AL6	013	28	
1330-1400	1234567	GERMAN	41	07160	SW5	500	I0	026	28	
1402-1417	12 567	HEBREW	25	11760	SW5	500	II+	105	39	
1415-1515	6	RUSSIAN	25	11635	SW2	100	RD	045	28/29/30	
1415-1530	12345 7	RUSSIAN	25	11635	SW2	100	RD	045	28/29/30	
1430-1445	67	ARMENIAN	25	12080	SW5	500	II0	085	30/40	
1430-1500	12345	ARMENIAN	25	12080	SW5	500	II0	085	30/40	
1440-1455	4	SERBIAN	41	07105	SW1	100	EC	079	28	
1440-1455	6	CROATIAN	41	07105	SW1	100	EC	079	28	
1440-1510	7	MACEDONIAN	41	07105	SW1	100	EC	079	28	
1440-1525	123 5	CROATIAN	41	07105	SW1	100	EC	079	28	
1455-1510	6	SLOVENIAN	41	07105	SW1	100	EC	079	28	
1455-1525	4	CROATIAN	41	07105	SW1	100	EC	079	28	
1530-1545	67	UKRAINIAN	31	09445	SW1	100	II-	065	28/29	
1530-1615	12345	UKRAINIAN	31	09445	SW1	100	II-	065	28/29	
1543-1558	3 67	SLOVAK	41	07385	SW5	500	I+	044	28/29	
1543-1628	12 45	CZECH	41	07385	SW5	500	I+	044	28	
1545-1600	34567	GUESTWORKER	49	06235	SW2	100	AL6	013	28	
1545-1615	12	GUESTWORKER	49	06235	SW2	100	AL6	013	28	
1558-1628	3	CZECH	41	07385	SW5	500	I+	044	28	
1630-1700	1234567	POLISH	41	07385	SW2	100	I+	044	28	
1630-1700	1234567	FARSI	25	12080	SW5	500	II0	085	30/40	
1702-1717	567	HUNGARIAN	41	07385	SW5	500	II-	065	28	
1715-1730	23	LITHUANIAN	25	12045	SW2	100	RD	045	28/29	
1740-1825	6	RUSSIAN	31	09455	SW5	500	I+	044	28/29/30	
1740-1855	12345	RUSSIAN	31	09455	SW5	500	I+	044	28/29/30	
1745-1800	4	ROMANIAN	31	09445	SW1	100	II-	065	28/29	
1745-1815	123 567	ROMANIAN	31	09445	SW1	100	II-	065	28/29	
1817-1832	34567	BULGARIAN	31	09445	SW1	100	II0	085	28	
1900-1915	1234567	TURKISH	25	12080	SW5	500	II0	085	29/39	2)
1930-1945	1234567	TURKISH	25	12080	SW5	500	II0	085	29/39	3)
1930-2000	3456	GERMAN	49	06230	SW2	100	AL6	013	28	1)
1930-2015	12 7	GERMAN	49	06230	SW2	100	AL6	013	28	1)

Updated : 18 March 94

1) Starting: 1 May 94
2) Ending : 23 April 94
3) Starting: 24 April 94

(via Richard Lemke, St. Albert Alta., Canada)

DX LISTENING DIGEST

GLENN HAUSER, BOX 1684, ENID, OK 73702 USA

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WORLD OF RADIO Monitor our weekly half hour on WWCR 15685 Fri 2115 UT, Sun 2300, Tue 1230; 7435 Sat 0630, Sun 0315; 5810 Sun 0600; on WHRI 7315 Fri 2302, Sun 0130; 7315 & 9495 Sat 0600; 9495 Mon 0100; on KWHR 17510 Sat & Sun 0600; 9930 Sat 0900 (WHRI/KWHR times also Galaxy 4, Tr. 15, 7.46, 7.37, 7.55 MHz). On RFPI Costa Rica Fri 20, Sat 04, 12, 18, Sun 02, 10, 23, Mon 07, Tue 19, Wed 03, 11 on some of: 21465-USB, 15030, 9400-USB, 7375. WNQM 1300 Nashville Sat 12 am CT; WPKN 89.5 Bridgeport CT Sat 2:30 pm ET; WSUI AM 910 Iowa City IA Sat 10:30 pm CT; KSIR AM 1010 & FM 107.1 Brush CO, KRDZ 1440, KATR 98.3 Wray/Yuma CO all Sun 11:30 am MT. GH's Spanish DX report on RN RADIO ENLACE from 1st Fri, UT Sats 0003 &0303 15315, 0503 on 9590 & 6165.

[redacted]

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